

# Year 1 – Provision Activity Cards

## Autumn Block 2 – Addition and Subtraction

### National Curriculum Objectives:

Mathematics Year 1: (1C1) [Represent and use number bonds and related subtraction facts within 20](#)

Mathematics Year 1: (1N1a) [Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number](#)

Mathematics Year 1: (1C2a) [Add and subtract one-digit and two-digit numbers to 20, including zero](#)

Mathematics Year 1: (1C2b) [Read, write and interpret mathematical statements involving addition \(+\), subtraction \(-\) and equals \(=\) signs](#)

Mathematics Year 1: (1N2c) [Read and write numbers from 1 to 20 in numerals and words](#)

Mathematics Year 1: (1C4) [Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as  \$7 = - 9\$](#)

Mathematics Year 1: (1N4) [Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than \(fewer\), most, least](#)

Mathematics Year 2: (2N2b) [Compare and order numbers from 0 up to 100; use  \$<\$ ,  \$>\$  and  \$=\$  signs](#)

More [Year 1 Addition and Subtraction](#) resources.

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# Year 1 – Provision Activity Cards

## Autumn Block 2 – Addition and Subtraction

- [Step 1 – Part-whole Model](#)
- [Step 2 – The Addition Symbol](#)
- [Step 3 – Fact Families – Addition Facts](#)
- [Step 4 – Number Bonds within 10](#)
- [Step 5 – Systematic Number Bonds](#)
- [Step 6 – Number Bonds to 10](#)
- [Step 7 – Compare Number Bonds](#)
- [Step 8 – Add Together](#)
- [Step 9 – Add More](#)
- [Step 10 – Finding a Part](#)
- [Step 11 – How Many Left? \(1\)](#)
- [Step 12 – How Many Left? \(2\)](#)
- [Step 13 – Subtraction – Breaking Apart](#)
- [Step 14 – Fact Families – 8 Facts](#)
- [Step 15 – Count Back](#)
- [Step 16 – Find the Difference](#)
- [Step 17 – Compare Statements \(1\)](#)
- [Step 18 – Compare Statements \(2\)](#)

More [Year 1 Mathematics](#) resources.

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Year 1 – Provision Activity Cards – Addition and Subtraction – Contents Page

# Provision Activity Cards Key



Build it



Find it



Write it



Explain it



Count it



Cut it out



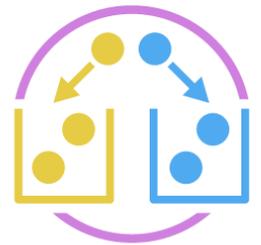
Read it



Complete it



Draw it



Sort it

## Advice and ideas

### Maths VF

Provide hoops and cubes to create a part-whole model. Ask children to complete the missing part with cubes.

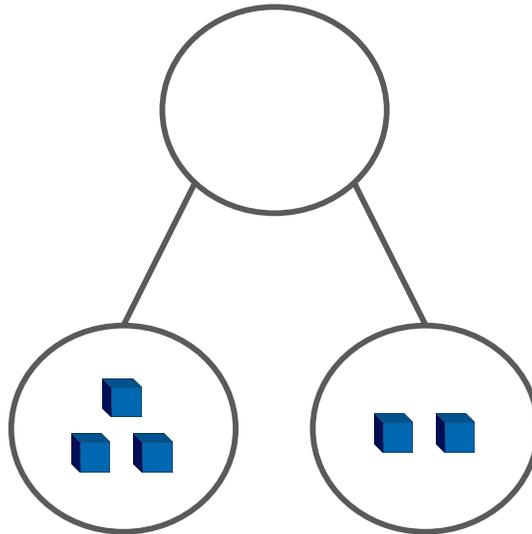
### Maths RPS

Provide hoops to create a part-whole model. Provide counters to be used for the missing parts.

## Maths VF

123

Use cubes to make the whole.

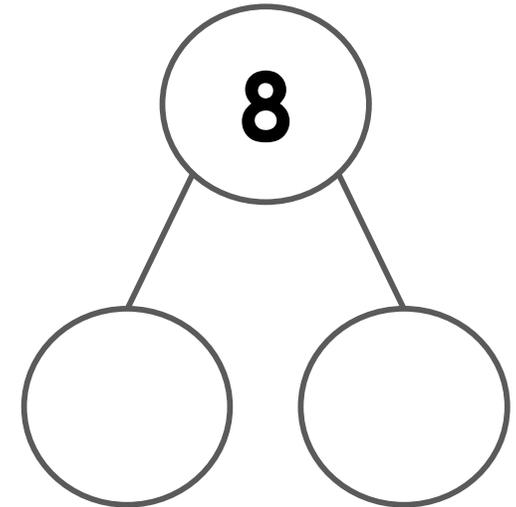


CLASSROOM *Secrets* VF

## Maths RPS



Place counters in the parts.



CLASSROOM *Secrets* RPS

Advice and ideas

**Maths VF**

Provide hoops and shapes to create a part-whole model. Ask children to fill in the parts with shapes.

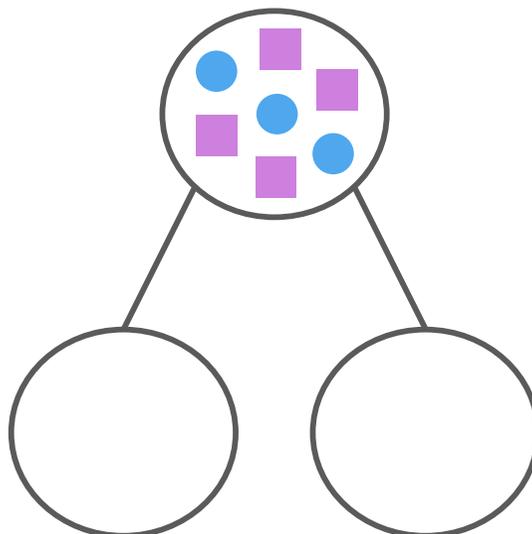
**Maths RPS**

Provide hoops to create a part-whole model. Ask children to investigate how 10 can be partitioned into 3 parts.

Maths VF



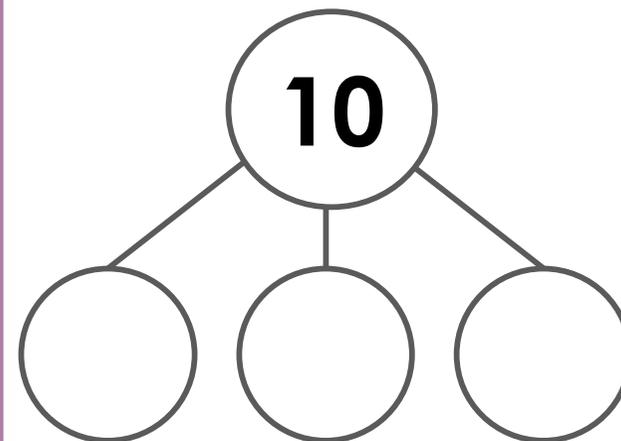
**Complete the part-whole model.**



Maths RPS



**What could the parts be?**



Advice and ideas

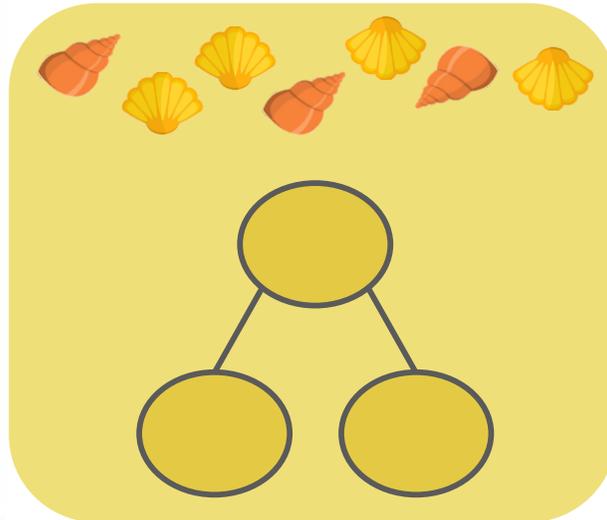
**Sand**  
Children to draw a part-whole model in the sand and use shells to complete it.

**Water**  
Provide a bucket and cups. Ask children to create a part-whole model with the water.

Sand



**Complete the parts.**



Water



**Fill the bucket using cups.**



## Advice and ideas

### Construction/STEM

Provide interlocking cubes of different colours. Ask children to build a tower two using different colours to make the whole.

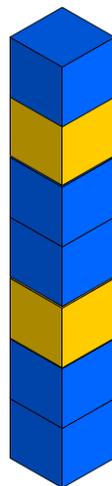
### Creative

Provide craft materials and objects for children to create a part-whole model. Ask children to explain to a friend how many objects need to be placed in the different parts.

## Construction/STEM



**Make a tower.  
Find the parts.**

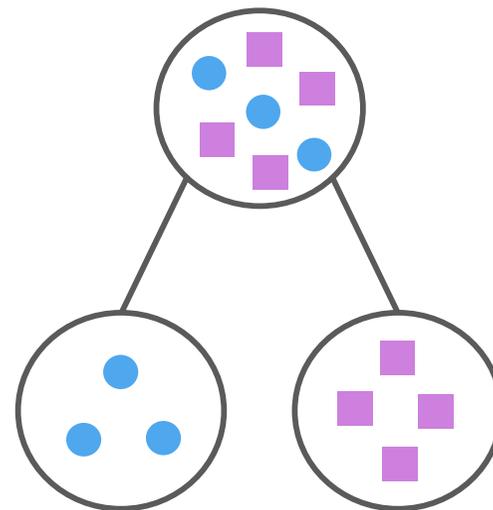


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## Creative



**Make a part-  
whole model.**



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Advice and ideas

**Maths VF**

Provide counters for children to complete the number sentence.

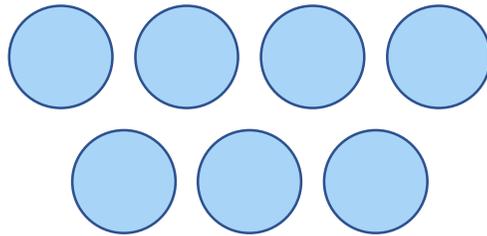
**Maths RPS**

Provide Numicon pieces 1 to 5. Children to choose two pieces at a time and add together to create a number sentence.

Maths VF



Complete the number sentence.



$$\square + \square = \square$$

Maths RPS



Complete the number sentence.



$$\square + \square = \square$$

Advice and ideas

**Maths VF**

Provide number cards 1 to 5. Ask children to complete the number sentence using the cards.

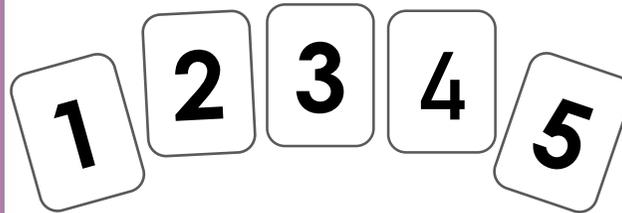
**Maths RPS**

Children to create a story using the number sentence provided and relay it to a friend or teacher orally.

Maths VF

123

Complete the number sentence.



$$\square + \square = 8$$

Maths RPS



Create a story using the number sentence.

$$\square 6 + \square 3 = \square 9$$

Advice and ideas

**Sand**

Provide a range of shells. Children to complete the number sentence using the different shells.

**Water**

Provide a number of sea creatures/ fish. Children to use these to build a number sentence.

**Sand**



**Show the  
number  
sentence.**



$$5 + 3 = 8$$

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**Water**



**Show the  
number  
sentence.**



$$6 + 3 = 9$$

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Advice and ideas

**Construction/STEM**

Children to build 2 vehicles using construction materials. Children to add the number of wheels together and record as a number sentence.

**Creative**

Children to draw pictures to represent the addition story.

Construction/STEM



**Build 2 cars.  
Add the wheels  
together.**



$$\square + \square = \square$$



Creative



**Draw images to  
match the story.**



**Ben has 3  
buns. Jill  
has 2 buns.  
How many  
buns  
altogether?**



Advice and ideas

**Maths VF**

Provide white boards and pens. Ask children to write the fact families that match the part-whole model.

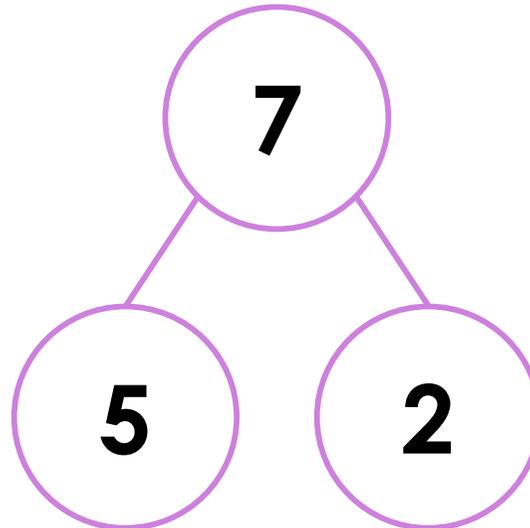
**Maths RPS**

Provide number cards 1 to 5. Ask children to select 2 cards and write the fact families for the addition they have created.

Maths VF



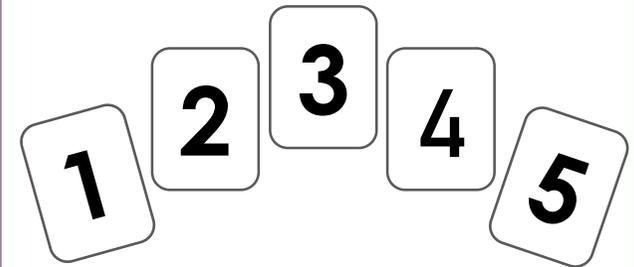
**Write the fact family.**



Maths RPS



**Choose two cards. Write the fact family.**



Advice and ideas

**Maths VF**

Provide children with 2 different coloured interlocking cubes. Ask children to build a tower using up to 10 bricks and record an addition fact.

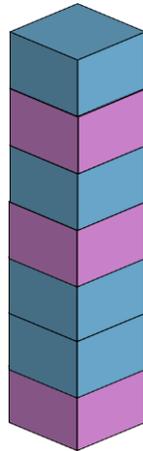
**Maths RPS**

Children to select any number of interlocking cubes of one colour up to ten and build a tower. Ask children to break the tower into two and complete the fact family based on the different parts.

Maths VF



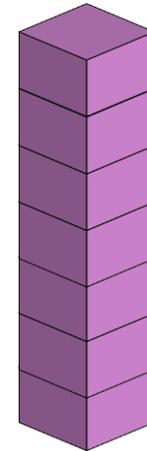
**Build a tower.  
Show an  
addition fact.**



Maths RPS



**Build a tower.  
Find the addition  
facts.**



Advice and ideas

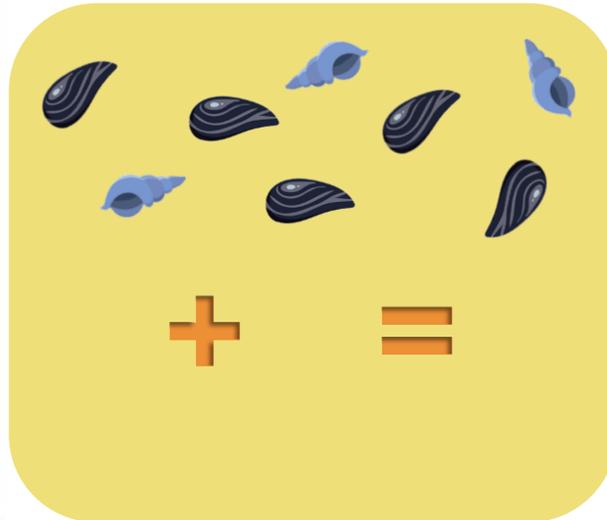
**Sand**  
Provide a number of different shells. Children to manipulate these shells to produce the fact family for the number of shells provided.

**Water**  
Place different stones into the water. Children to collect the stones and recite the fact family to a friend.

Sand



**Complete a fact family using shells.**

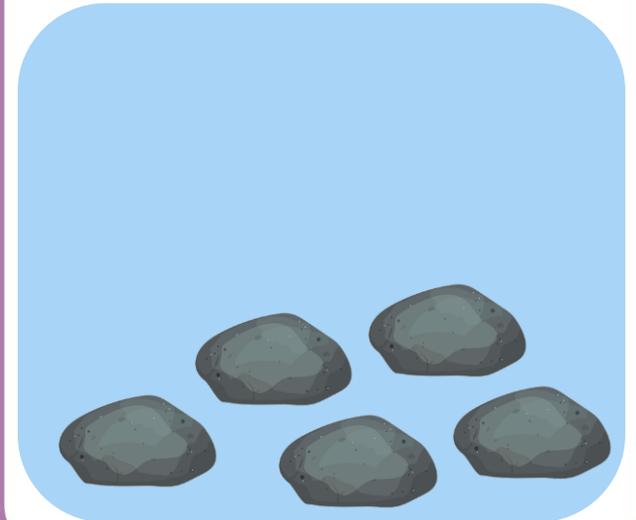


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Water



**Collect stones. Recite the fact family.**



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Advice and ideas

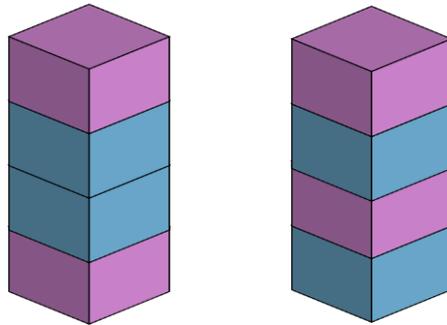
**Construction/STEM**  
Provide interlocking cubes. Ask children to build towers to represent the fact families for a given number.

**Creative**  
Provide paper plates and resources for the children to make buns (play-dough, bun cases). Children to create buns and use the plates to create the fact family.

Construction/STEM



Show the fact family for  
 $5 + 3 = 8$



Creative



Make 6 buns.  
Write different fact families.



Advice and ideas

**Maths VF**

Provide interlocking cubes. Ask children to build a tower and break it into two pieces. Provide the opportunity to record the bonds they have created.

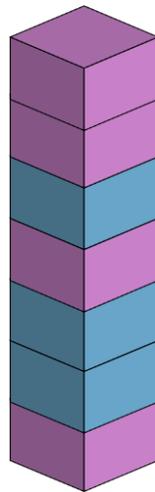
**Maths RPS**

Provide counters. Working in pairs, ask children discuss the different bonds that make the total number of counters provided.

Maths VF



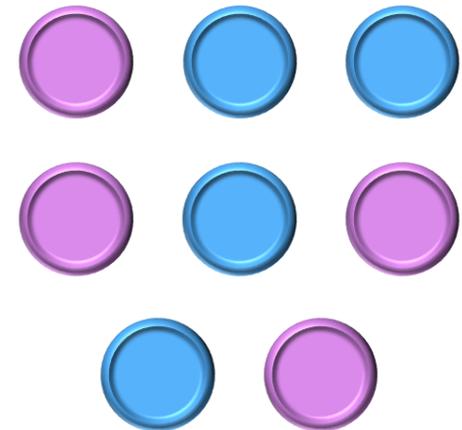
**Build a tower.  
Create different  
bonds.**



Maths RPS



**With a partner,  
find different  
bonds to 8.**



Advice and ideas

**Maths VF**

Provide hoops and counters to make a part-whole model. Ask children to explore the different ways of making the given number. Provide the opportunity to record the findings.

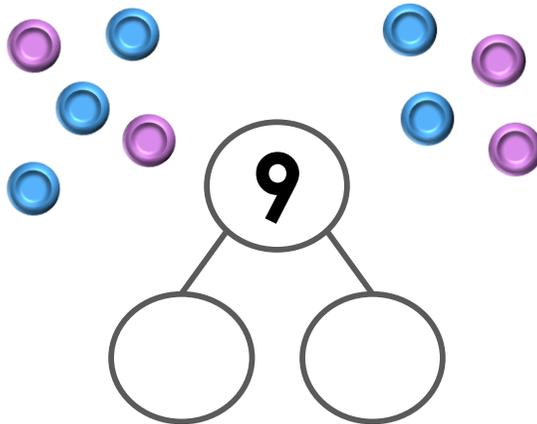
**Maths RPS**

Provide cubes and number cards to 10. Children to use the cubes to explore the different number bonds to form the number on their card. Provide the opportunity to record the findings.

Maths VF



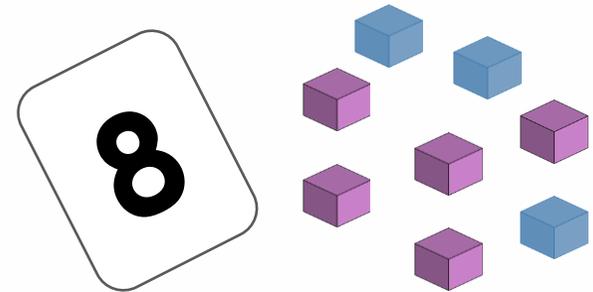
**Complete the part-whole model.**



Maths RPS



**Pick a number card. Find number bonds.**



Advice and ideas

**Sand**  
Children to use different tools or fingers to draw the number bonds to 5 in the sand.

**Water**  
Place Maths equipment in water i.e Numicon, plastic numerals etc. Children to fish out the numbers and match to make different bonds to 7.

Sand



**Write number bonds to 5.**

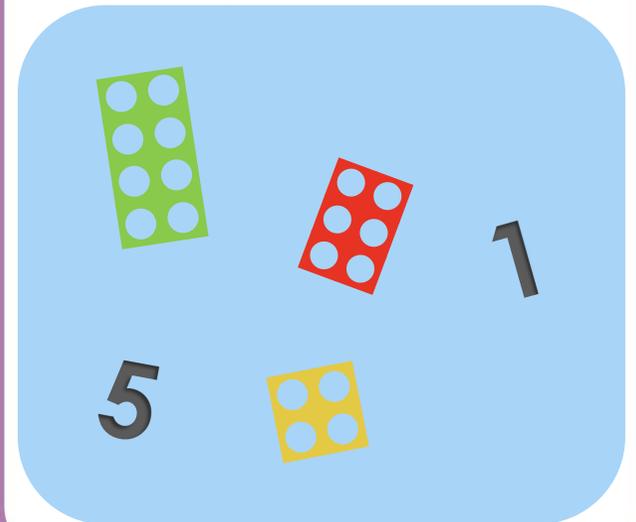
$$4 + 1 =$$



Water



**Fish out bonds to 7.**



Advice and ideas

**Construction/STEM**

Provide the materials to build cars. Children use their models to explore the number bonds to 5. Provide the opportunity to record the number bonds.

**Creative**

Children to make a ladybird. This could be a painting, a model or drawing. Ask children to put spots on the ladybird in different ways.

Construction/STEM



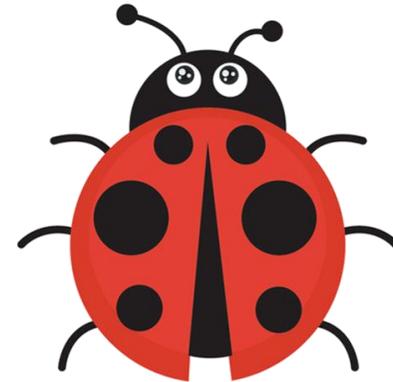
**Build 5 cars.  
Show different  
bonds.**



Creative



**Show bonds to 6.**



## Advice and ideas

### Maths VF

Provide Numicon. Ask children to systematically follow the pattern for the number bonds.

### Maths RPS

Provide Numicon. Ask children to systematically follow the pattern for the number bonds and then explain to a friend what is happening in the pattern.

## Maths VF



**Finish the pattern.**

## Maths RPS



**Explain the pattern.**

## Advice and ideas

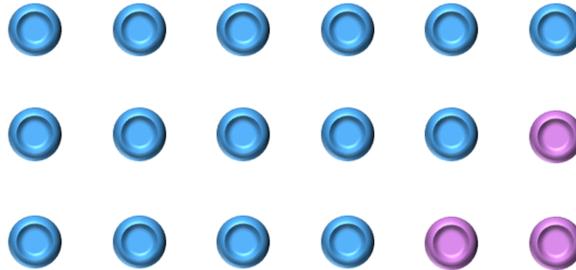
### Maths VF

Provide two different coloured counters. Ask children to systematically follow the pattern for the number bonds.

### Maths RPS

Provide two different coloured counters. Ask children to systematically follow the pattern for the number bonds and then explain to a friend what is happening in the pattern.

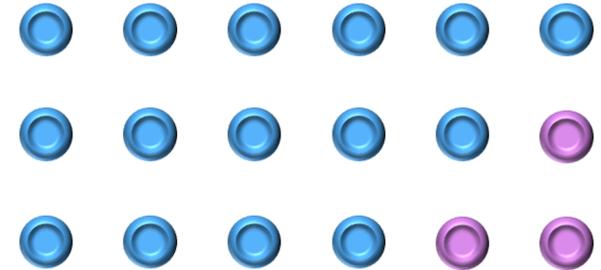
## Maths VF



**Finish the pattern.**



## Maths RPS



**Explain the pattern.**



Advice and ideas

**Sand**

Provide 7 shells in the sand tray. Allow for the children to manipulate these into different number bonds in the sand.

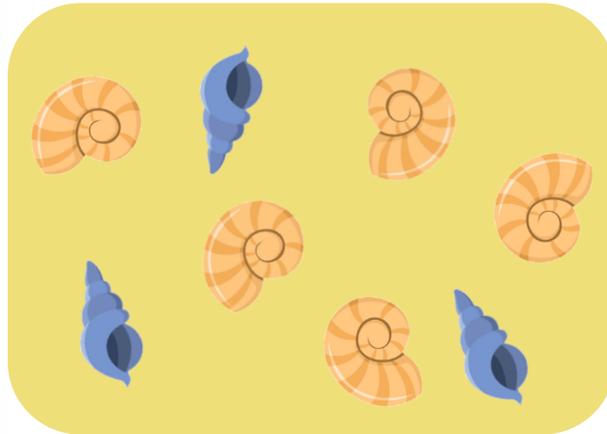
**Water**

Write the different numbers for making bonds to 8 on golf balls. Place them in the water and ask the children to collect the balls and sort them into the different bonds.

**Sand**



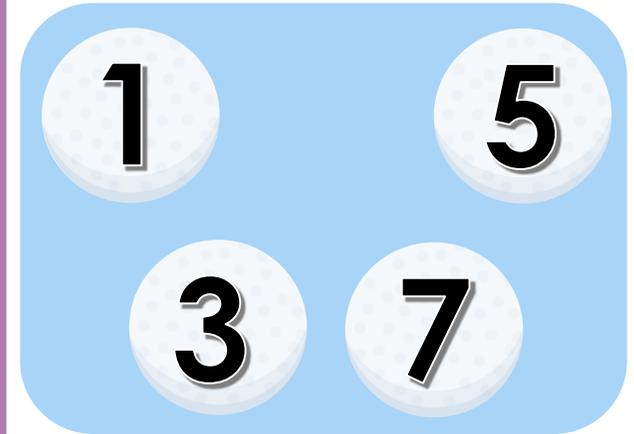
**Make bonds to 7.**



**Water**



**Match the bonds to 8.**



## Advice and ideas

### Construction/ STEM

Provide two different coloured bricks. Ask children to work systematically to build towers representing number bonds to 9.

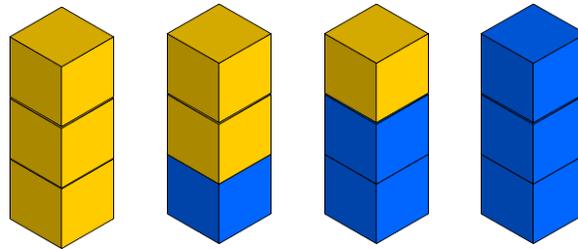
### Creative

Provide appropriate resources to make a pasta bead string. Child to use this to systematically create the number bonds to 8.

## Construction/STEM



# Make number bonds to 9.



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## Creative



# Show a friend all the number bonds to 8.



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Advice and ideas

**Maths VF**

Provide different coloured counters. Ask children to use these to represent number bonds to 10.

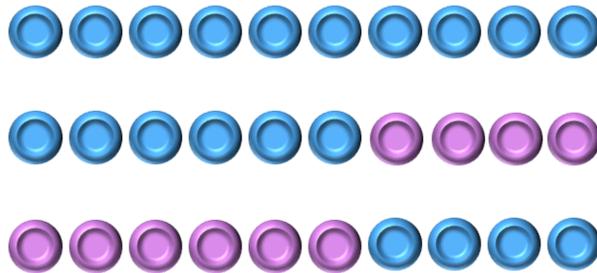
**Maths RPS**

Provide a dice. Ask children to roll the deice to generate a number then find the number bond to 10. Provide an opportunity to record the 'roll' and 'bond'.

Maths VF



**Make number bonds to 10.**



Maths RPS



**Roll a dice. Write the bond to 10.**



Advice and ideas

**Maths VF**

Provide Numicon. Ask children to match the different Numicon bocks to 10.

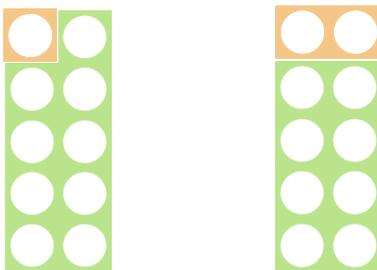
**Maths RPS**

Provide hoops create a part-whole model. Put the number 10 in the whole and ask children to explore the different number bonds to 10 using counters.

Maths VF

123

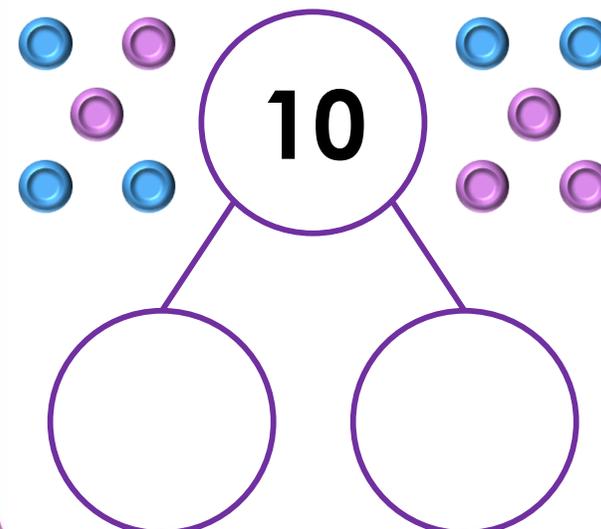
Show different bonds to 10.



Maths RPS

123

Complete the part-whole model.



Advice and ideas

**Sand**

Provide 2 buckets and 10 shells in the sand tray. Encourage children to share the shells between the two buckets. Count out to create different number bonds to 10.

**Water**

Provide 2 cups and water beads in the water tray. Encourage children to share 10 beads between the two cups. Count to create different number bonds to 10.

**Sand**



**Use 10 shells and 2 buckets to create bonds.**

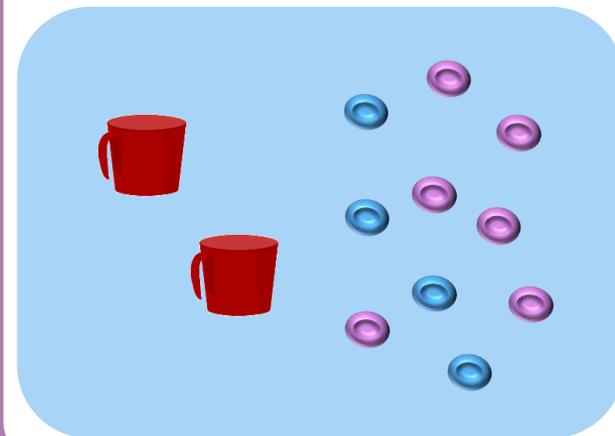


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**Water**



**Create bonds with 10 water beads and 2 cups.**



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Advice and ideas

**Maths VF**

Provide interlocking cubes. Ask children to build a tower and break into 2 to create a number bond. Provide an opportunity to record the bonds they have created.

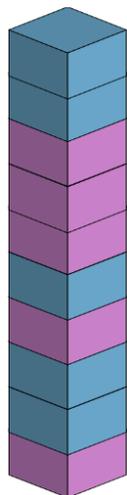
**Creative**

Provide resources to make a pasta bead string. Ask children to use this to systematically create the number bonds to 10.

Construction/STEM



**Build a tower of 10. Find a number bond.**



Creative



**Show the number bonds to 10.**



Advice and ideas

**Maths VF**

Provide different coloured counters. Ask children to use these to create a number bond that would make the statement correct.

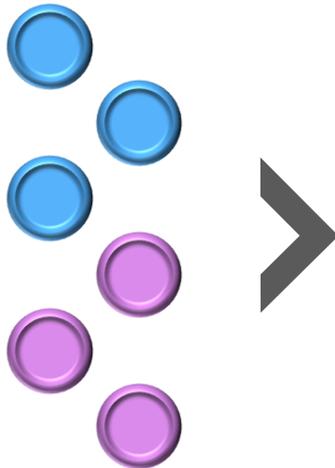
**Maths RPS**

Provide Numicon. Ask children to use this to find the different number bonds that would make the statement correct. Encourage children to work systematically.

Maths VF



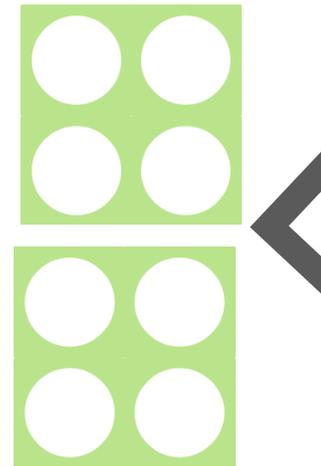
**Make this true.**



Maths RPS



**Find bonds that make this true.**



Advice and ideas

**Maths VF**

Provide Numicon. Ask children to find a number bond that is equal to  $8 + 2$ .

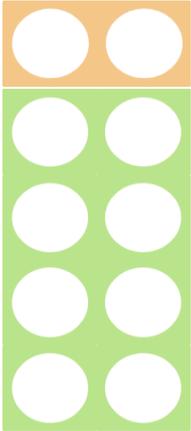
**Maths RPS**

Provide 10 counters. Ask children to use these to explore the different number bonds that are equal to  $5+5$

Maths VF

123

**Make this true.**

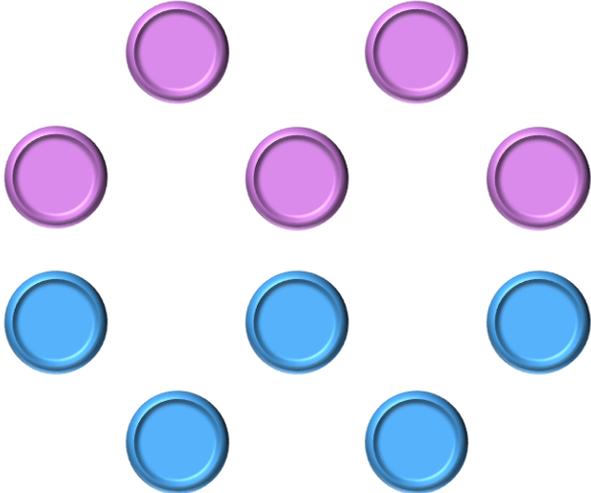

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Maths RPS

123

**Show number bonds equal to  $5 + 5$**



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Advice and ideas

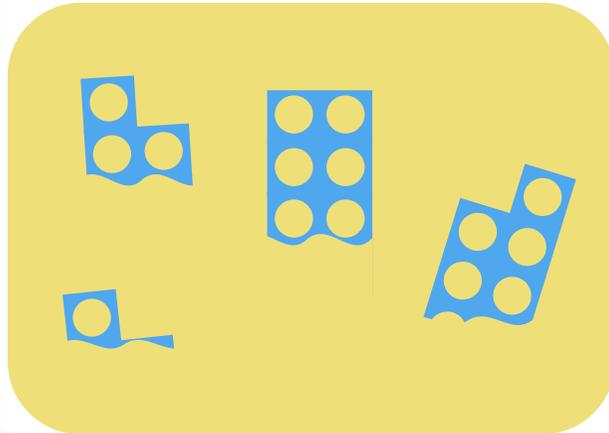
**Sand**  
Provide Maths materials for children to count in sand tray i.e Numicon, plastic numerals. Children to use materials to create bonds equal to  $5 + 4$ .

**Water**  
Provide ducks in water tray with numbers written on the bottom. Children to catch the ducks and match to create number bonds greater than  $2 + 1$ .

Sand



Create bonds equal to  $5 + 4$ .

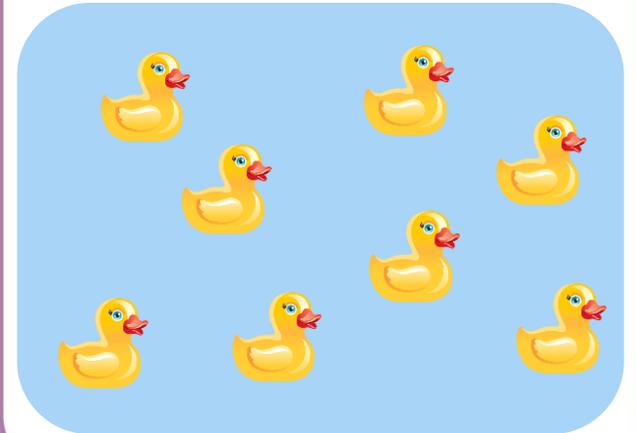


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Water



Catch ducks to make bonds more than  $2 + 1$ .



CLASSROOM *Secrets*

Advice and ideas

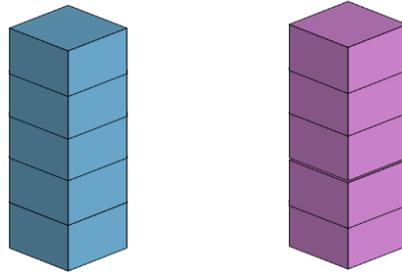
**Construction/STEM**  
Provide interlocking cubes. Ask children to explore different ways of creating 2 towers. Provide an opportunity to write the bonds and comparison statements using the equals symbol.

**Creative**  
Provide dough, rolling pin and Numicon. Ask children to print different bonds in the dough.

Construction/STEM



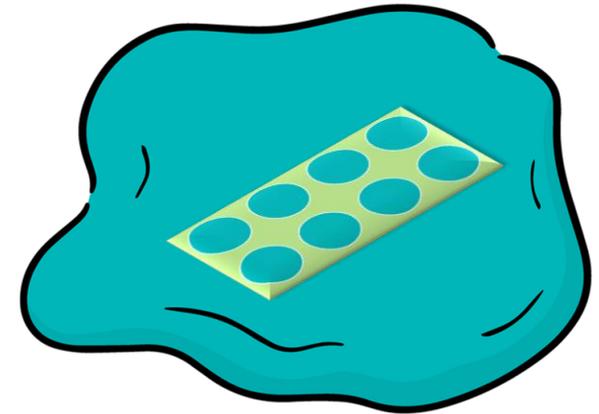
**Build 2 equal towers.**



Creative



**Print bonds less than  $8 + 1$ .**



Advice and ideas

**Maths VF**

Provide different coloured counters (or Compare Bears). Ask children to use these to complete a part-whole model. Provide an opportunity for children to record the number sentences.

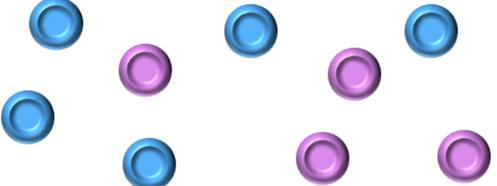
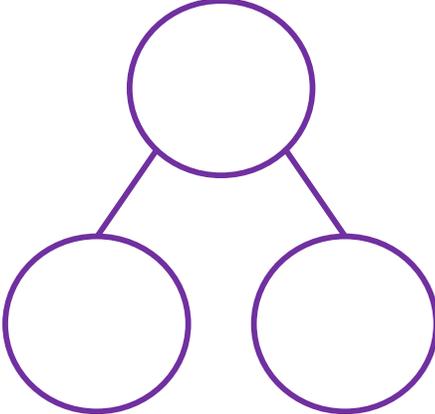
**Maths RPS**

Provide different resources to represent the number sentence in different ways.

Maths VF



**Find the whole.**

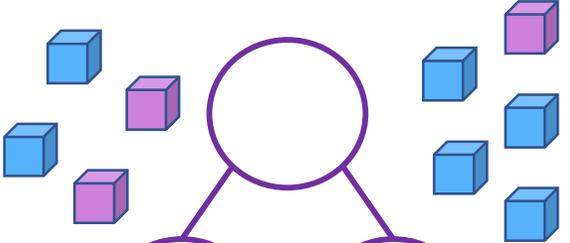
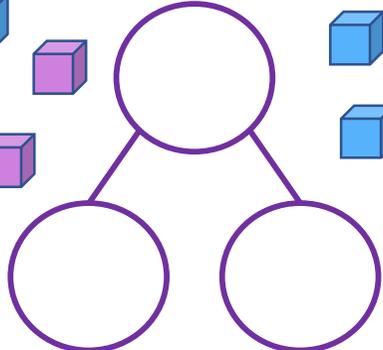
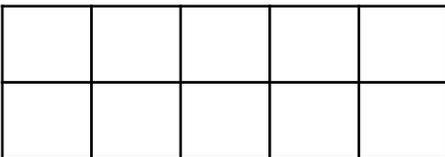



CLASSROOM *Secrets* VF

Maths RPS



**Show  $6 + 3$  in different ways.**

CLASSROOM *Secrets* RPS

Advice and ideas

**Maths VF**

Provide the children with a tens frame and counters. Ask children to completed the frame to find the total.

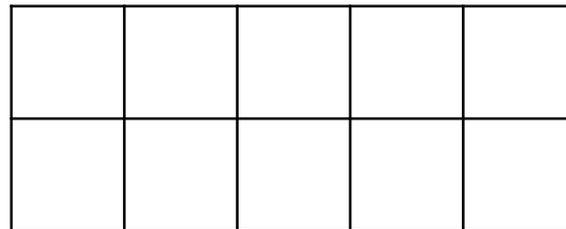
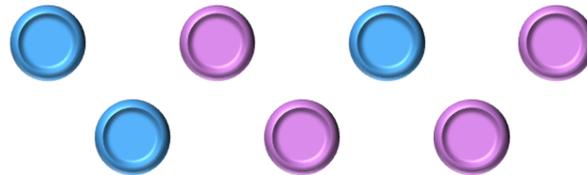
**Maths RPS**

Provide equipment to allow the children to explore the number seven and the different ways in which to create it.

Maths VF



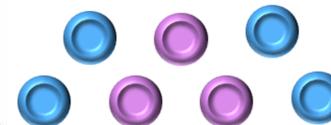
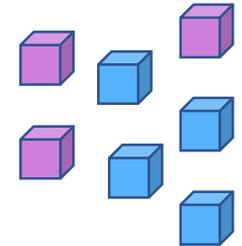
Show the total.



Maths RPS



Make 7 in different ways.



## Advice and ideas

### Sand

Provide a number of different shells. Children to manipulate the shells to represent the number sentence provided.

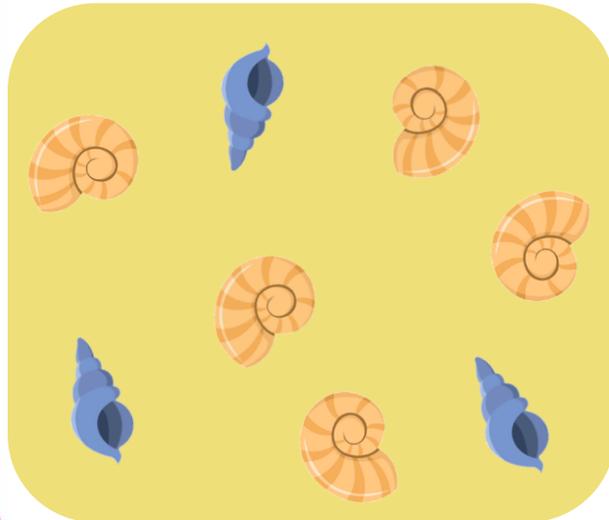
### Water

Provide toy fish in the water. Ask children to 'catch' some fish and make up their own addition story.

## Sand

123

Show  
 $6 + 1 = 7$

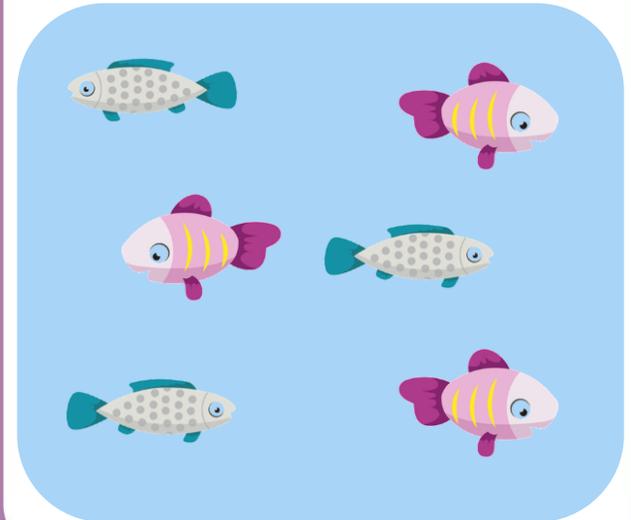


CLASSROOM *Secrets*

## Water



Make your own  
addition story.



CLASSROOM *Secrets*

## Advice and ideas

### Construction/ STEM

Provide trains and carriages. Ask children to build two different trains and count the wheels to find the total.

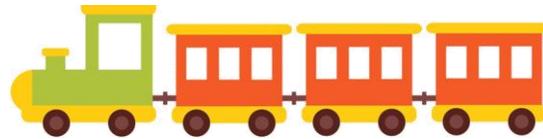
### Creative

Provide different creative materials to make an addition symbol. Encourage the children to use their addition symbol to create different calculations around the classroom.

## Construction/STEM



**Build 2 trains.  
Add the wheels.**

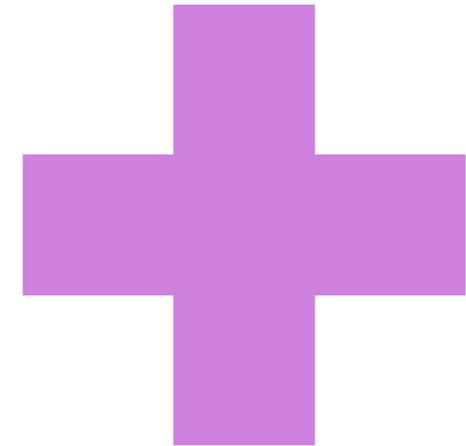


CLASSROOM *Secrets*

## Creative



**Make an  
addition symbol.**



CLASSROOM *Secrets*

Advice and ideas

**Maths VF**

Provide number cards. Ask children to pick 2 cards and mentally calculate the addition. Provide an opportunity to record the additions they have completed.

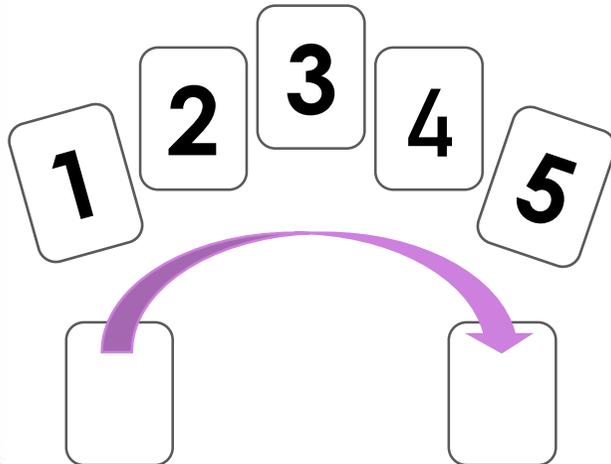
**Maths RPS**

Provide 2 dice. Ask the children to think about the highest possible score they could make. What would be the lowest score?

Maths VF



**Pick 2 cards to count on.**



Maths RPS



**Roll 2 dice. What is the highest score?**



Advice and ideas

**Maths VF**

Provide sets of toy cars. Ask children to count one set of cars then the second in order to find the total. Provide an opportunity for the children to record their additions.

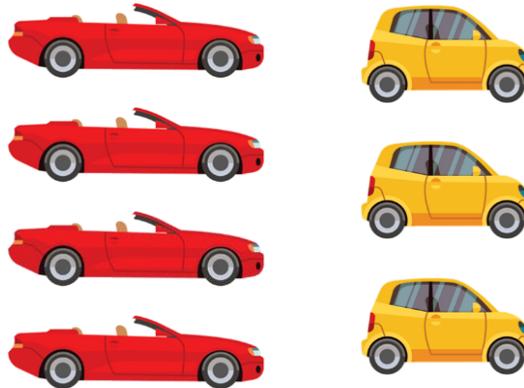
**Maths RPS**

Provide the start of a number sentence. Ask children to use this and add more to find different totals. Provide an opportunity to record the additions.

Maths VF



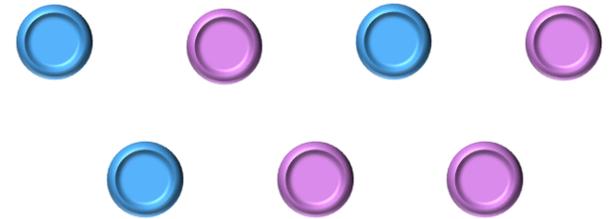
**Find the total.**



**Write the number sentence.**



Maths RPS



$$\boxed{3} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



Advice and ideas

**Sand**

Provide flags and buckets and ask children to build a sand castle. When adding more flags encourage the children to count on when finding the total.

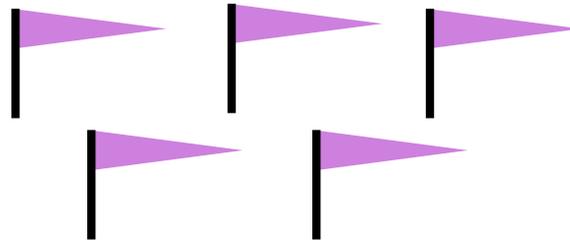
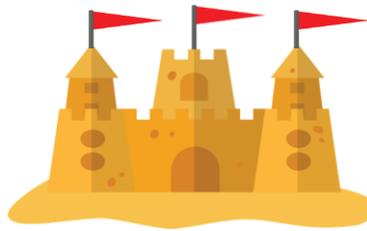
**Water**

Provide toy fish and nets. Ask children to catch fish in 2 different nets and find the total number of fish they have caught. Encourage the children to count on to find the total.

Sand

123

How many flags?

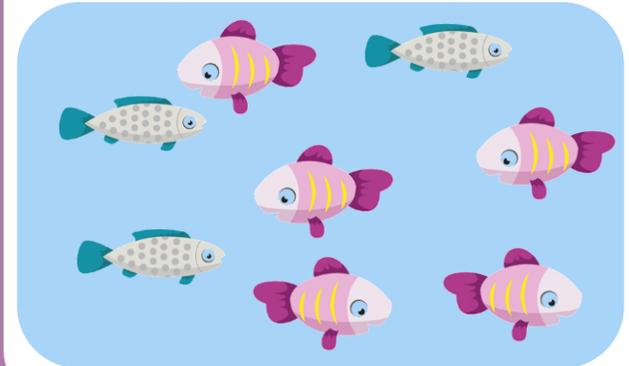
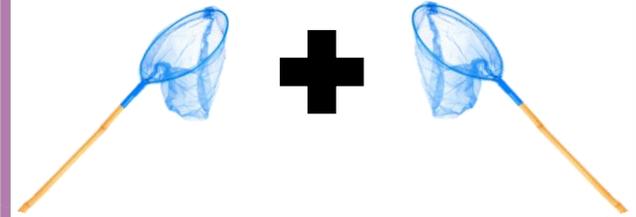


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Water

123

How many fish?



CLASSROOM *Secrets*

Advice and ideas

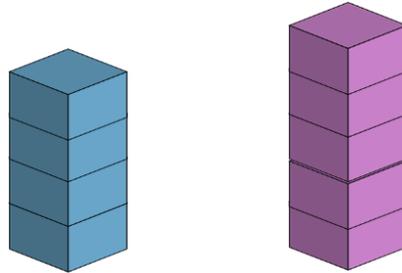
**Construction/ STEM**  
Provide interlocking cubes. Ask children to build two different towers and find the total number of cubes by counting on. Provide an opportunity to record the calculation.

**Creative**  
Provide resources for children to create their own adding machine. Encourage the children to use this around the classroom to complete different additions.

Construction/STEM

123

**Build 2 towers.  
How many  
bricks?**



CLASSROOM *Secrets*

Creative

123

**Create an  
adding  
machine.**



**Use your  
machine.**

CLASSROOM *Secrets*

Advice and ideas

**Maths VF**

Provide 9 counters and hoops to build the part-whole model. Children to complete the model using the counters provided.

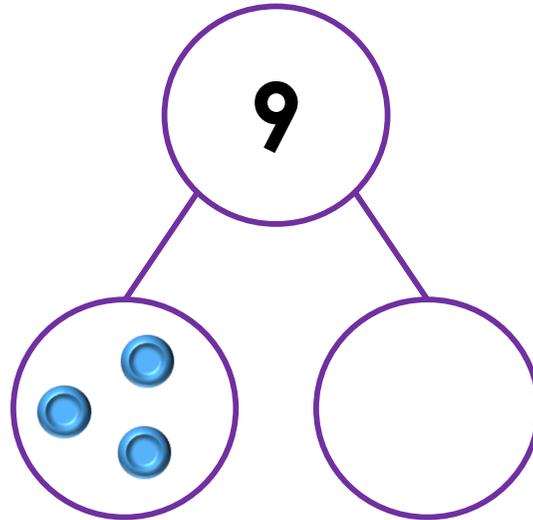
**Maths RPS**

Provide a dice and part completed number sentence. Children to roll the dice to find one part and investigate the second part.

Maths VF

123

Show the missing part.



Maths RPS

123

Roll a dice. Find the missing part.



$$\square + \square = \square 7$$

Advice and ideas

**Maths VF**

Encourage children to record the missing part in different ways. For example, writing the number sentence, drawing items, the numeral or word.

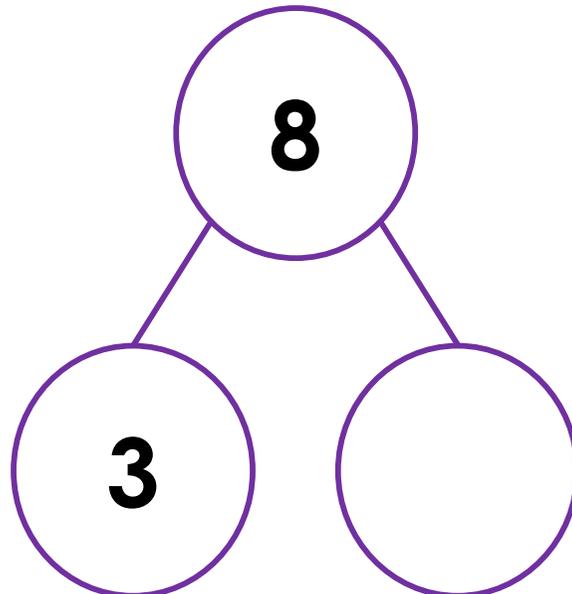
**Maths RPS**

Provide hoops to build the part-whole model. Allow children to explore the different possible amounts for the missing parts. Provide an opportunity for the children to record their learning.

Maths VF



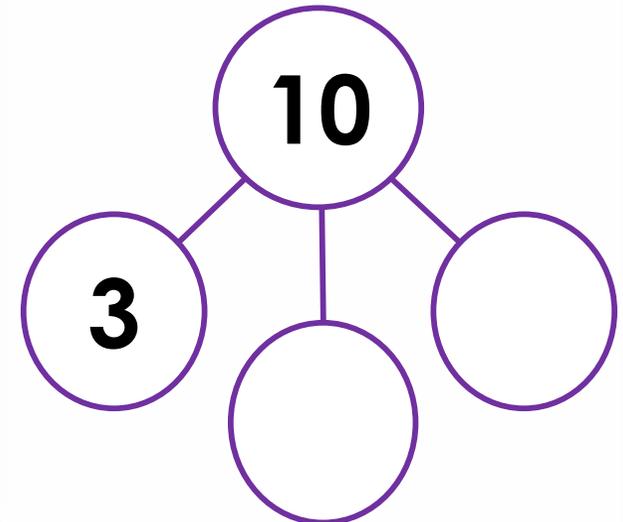
Find the missing part.



Maths RPS



Find the parts in different ways.



## Advice and ideas

### Sand

Draw a part-whole model with one part completed with shells. Ask children to complete using shells or writing in the sand. Change the model and ask children to set a challenge for a friend.

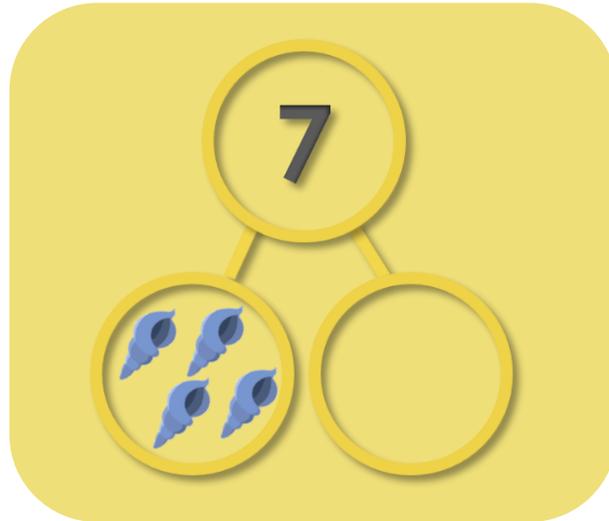
### Water

Provide containers to fill with water. With one part already complete, ask children to find the missing part.

## Sand

123

### Find the part.

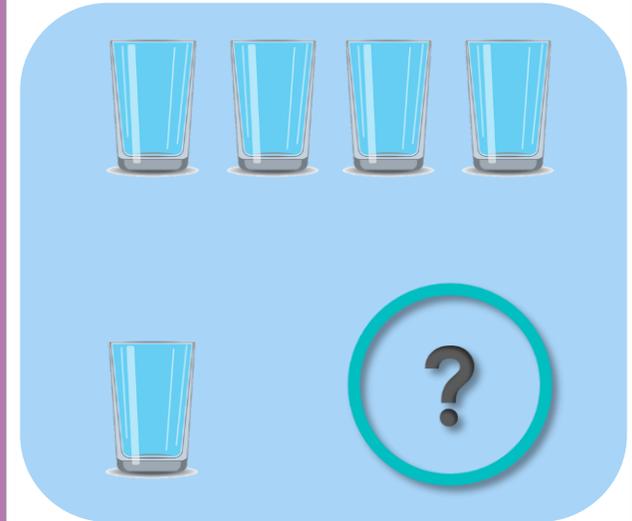


CLASSROOM *Secrets*

## Water



### Find the part.



CLASSROOM *Secrets*

Advice and ideas

**Construction/STEM**

Provide interlocking cubes to build a tower. Ask children to break the tower in different places to find different parts.

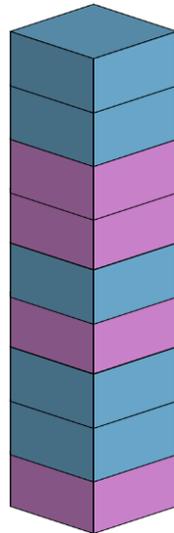
**Creative**

Provide different materials in order to create a number of 'sweets'. Ask children use these to find different parts of six.

Construction/ STEM



**Build a tower.  
Find different  
parts.**



Creative



**Make 6 sweets.  
Find different  
parts.**



Advice and ideas

**Maths VF**

Children to draw an illustration to show their understanding of the number sentence provided.

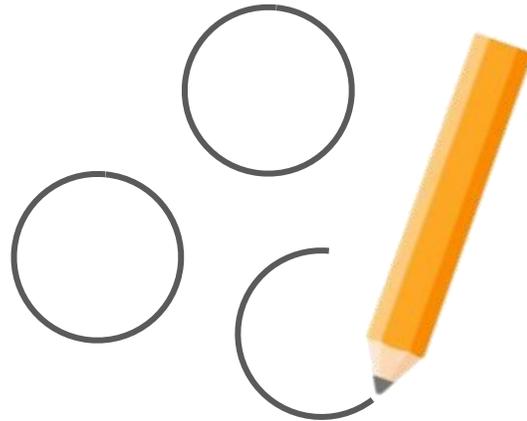
**Maths RPS**

Provide apples (or counters as replacement) for the children to investigate. Children to record their ideas on how many apples could have been eaten.

Maths VF



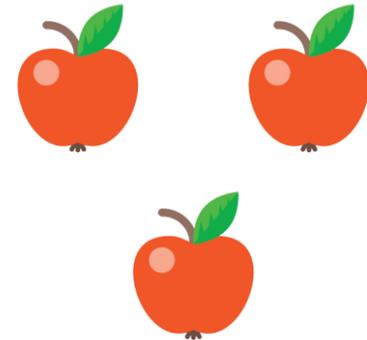
**Show 3 take away 2.**



Maths RPS



**3 apples are left.  
How many  
could have  
been eaten?**



Advice and ideas

**Maths VF**

Ask children to take 2 away from the total number of objects. Provide children with opportunity to record their learning.

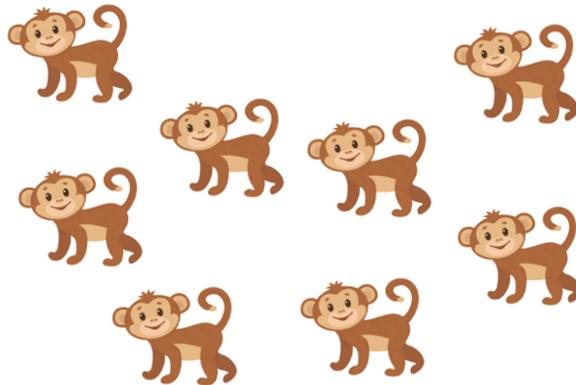
**Maths RPS**

Establish with the children that subtraction is taking away from the largest amount. Ask children to roll the dice to generate the numbers for the number sentence.

Maths VF

123

2 monkeys run away. How many are left?



Maths RPS

123

Roll 2 dice. Take one number away from the other. How many are left?



Advice and ideas

**Sand**

Ask children to build more than five sandcastles. Children to knock down 5 and count how many are left.

**Water**

Children to follow the subtraction story in the water to find how many are left.

Sand

123

How many are left?

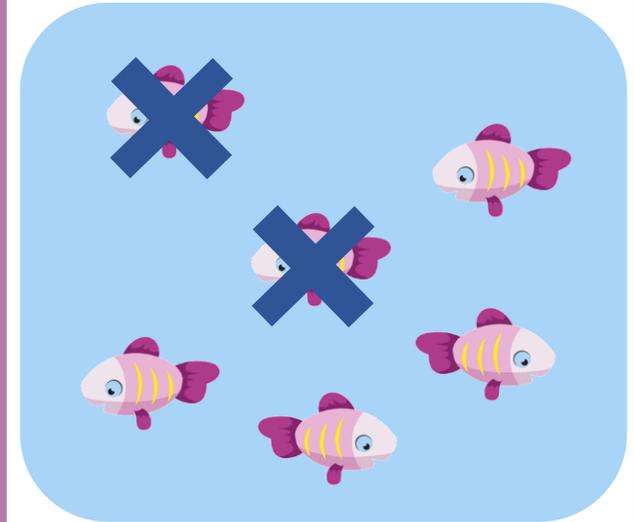


CLASSROOM Secrets

Water

123

How many are left?



CLASSROOM Secrets

Advice and ideas

**Construction/ STEM**  
Provide materials to build 7 cars. Children find how many cars are left when 3 drive away. Provide an opportunity to record the learning.

**Creative**  
Provide play dough to make some sweets. Children give some to a friend and calculate how many sweets they have left.

Construction/STEM



**Build 7 cars.  
Drive 3 away.  
How many left?**

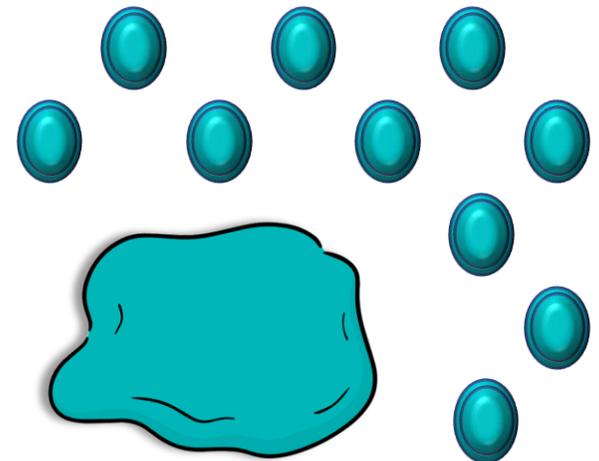


CLASSROOM *Secrets*

Creative



**Make 10 sweets.  
Give 3 away.  
How many left?**



CLASSROOM *Secrets*

Advice and ideas

**Maths VF**

Children to write the number sentence for the image represented.

**Math RPS**

Children to explore the different possibilities to complete the number sentence correctly. Allow for the children to record their learning. Encourage the children to work systematically.

Maths VF



Write the number sentence.



$$\square - \square = \square$$

Maths RPS



Finish this.

$$5 - \square = \square$$



Record your learning.

Advice and ideas

**Maths VF**

Children to write the number sentence that is represented in the image.

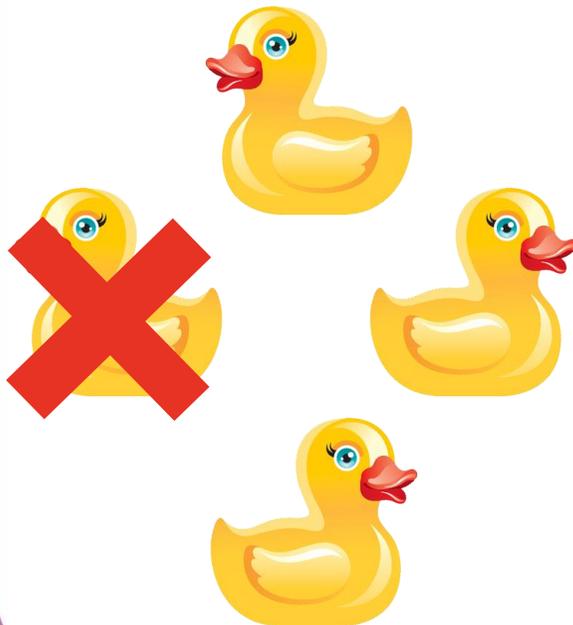
**Maths RPS**

Ask children to work systematically to record as many subtractions as possible. Provide an opportunity to record their learning.

Maths VF



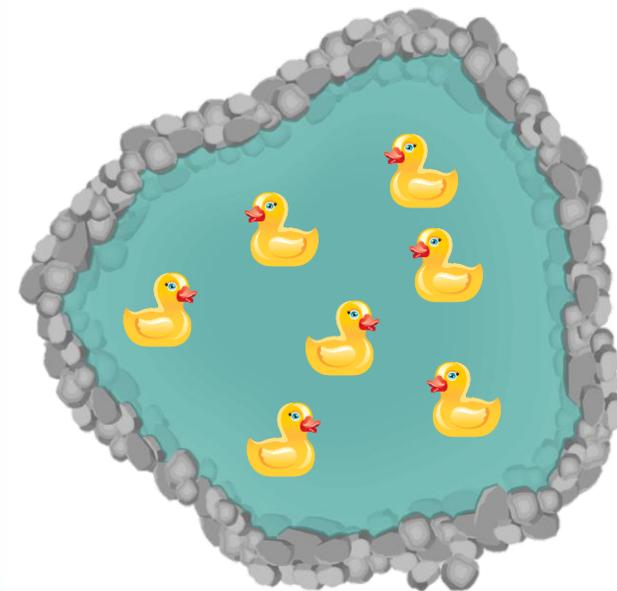
Write the number sentence.



Maths RPS



Write number sentences.



Advice and ideas

**Sand**

Provide shells buried in the sand tray. Children to find how many are left after taking two away. Encourage children to write subtraction to show their working.

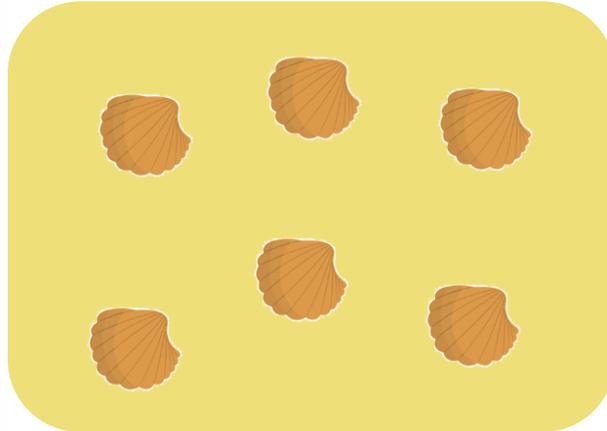
**Water**

Children to count out five boats in water tray. Children to find how many are left after taking three away. Encourage children to write subtraction to show their working.

Sand

123

**Collect 6 shells.  
Take 2 away.  
How many left?**



CLASSROOM *Secrets*

Water

123

**3 boats sail  
away. How  
many left?**



CLASSROOM *Secrets*

Advice and ideas

**Construction/STEM**

Provide interlocking cubes in order to build a tower. Ask children to physically take some cubes away and count the remaining cubes.

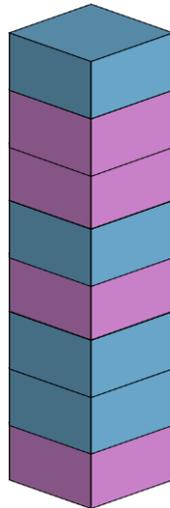
**Creative**

Provide the songs 'Ten green bottles', '5 little ducks', '10 sizzling sausages' as examples. Challenge the children to create their own subtraction song.

Construction/STEM



**Build a tower of 8. Take 3 away. How many left?**



CLASSROOM *Secrets*

Creative



**Sing a subtraction song.**



CLASSROOM *Secrets*

Advice and ideas

**Maths VF**

Provide a number of different counters. Ask children to collect counters and complete the subtraction. Provide an opportunity for children to record their learning.

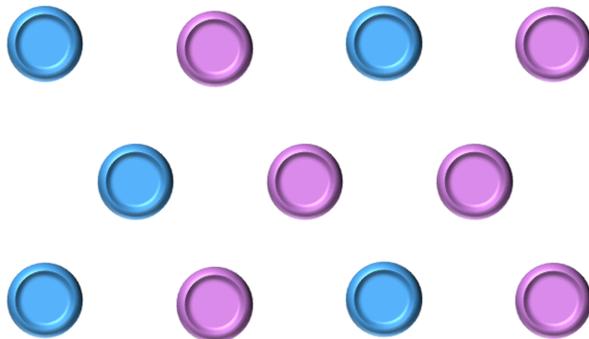
**Maths RPS**

Children to build a tower of 9 blocks. Break it as the image indicates and investigate other ways of breaking the tower. Provide an opportunity for the children to record their learning.

Maths VF



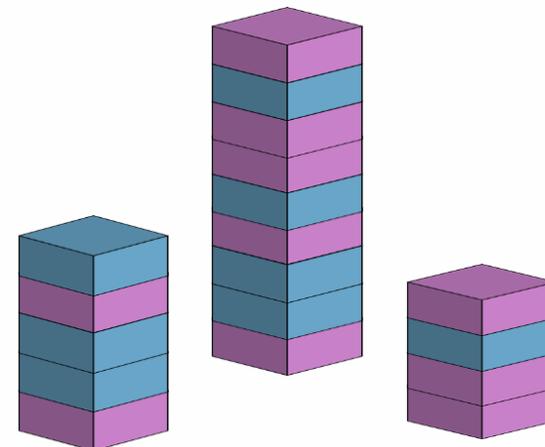
**Write the number sentence. How many left?**



Maths RPS



**Is this the only way to break the tower?**



Advice and ideas

**Maths VF**

Provide 2 different coloured counters. Children to draw and complete a part whole model to represent the counters.

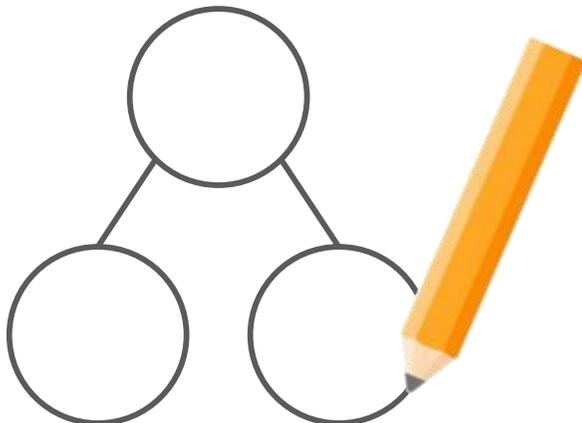
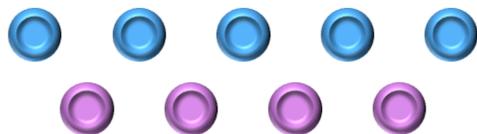
**Maths RPS**

Provide 10 counters and hoops to build a part-whole model. Ask children to find different ways of breaking 10 apart. Provide an opportunity for the children to record their learning.

Maths VF



**Draw a part-whole model.**

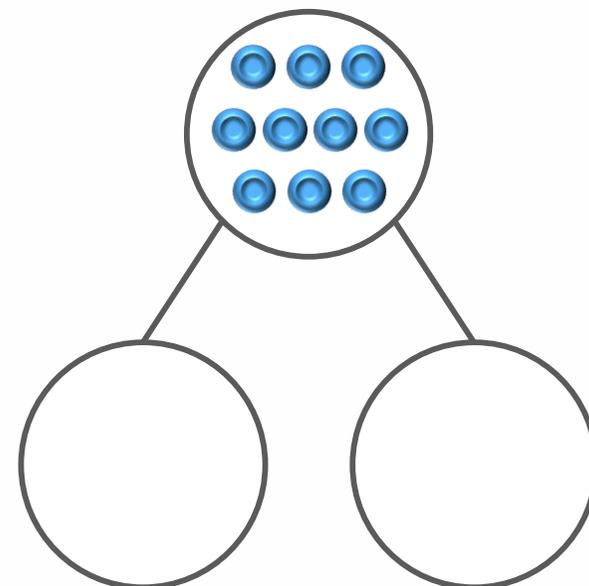


CLASSROOM *Secrets* VF

Maths RPS



**Find the parts in different ways.**



CLASSROOM *Secrets* RPS

Advice and ideas

**Sand**  
Ask the children to build 7 sandcastles and knock 3 down. Children to write the corresponding number sentence.

**Water**  
Put 10 fish in the water and ensure the children are aware of this number. Children catch some fish and calculate how many are in the net by counting how many are left in the water.

Sand



Write the subtraction in the sand.

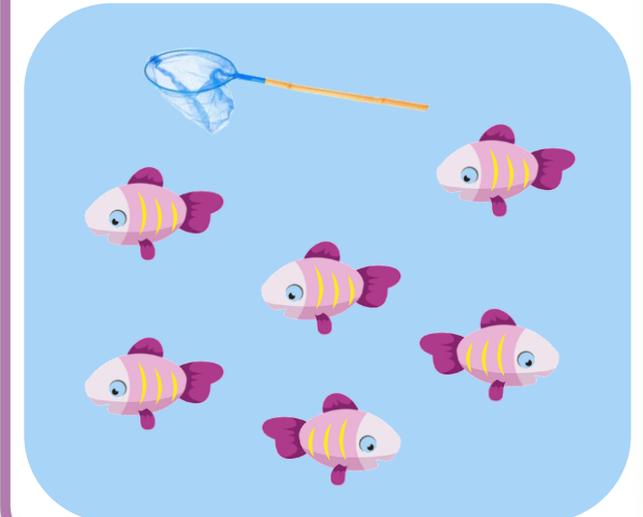


CLASSROOM *Secrets*

Water



Catch some fish. How many are in the net?



CLASSROOM *Secrets*

Advice and ideas

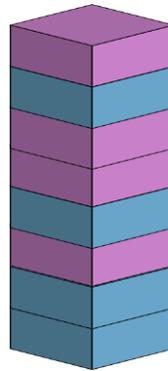
**Construction/STEM**  
Provide interlocking cubes in order to build a tower. Ask children to break tower into two parts. Encourage children to write additions to match the parts.

**Creative**  
Children to select two types of stamp and use paints to create patterns of varying lengths (within 10). Children to count parts and encourage to write additions to match.

Construction/STEM



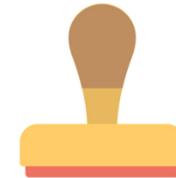
**Break apart a tower of 8 in different ways.**



Creative



**Make a pattern with 2 stamps. Count the parts.**



Advice and ideas

**Maths VF**

Children to recreate the image using their own counters and use these to record the 8 number sentences.

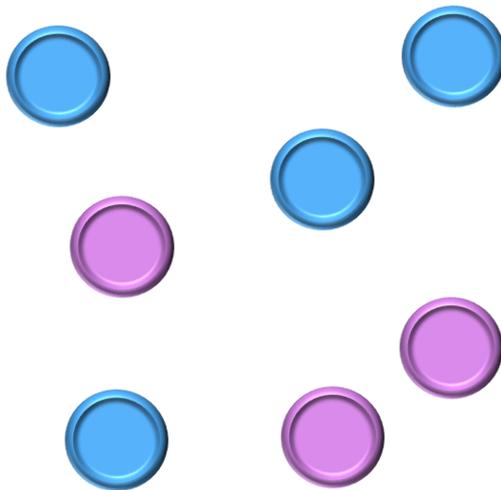
**Maths RPS**

Children to work in pairs. Ask children to write a number sentence and challenge their friend to write it differently. Check if they are correct.

**Maths VF**



**Write the 8 facts.**



**Maths RPS**



**Test your friend with a number sentence.**



**Are they right?**

Advice and ideas

**Maths VF**

Provide a number of double-sided counters. Ask children to count how many are in each colour and write 8 facts using these numbers.

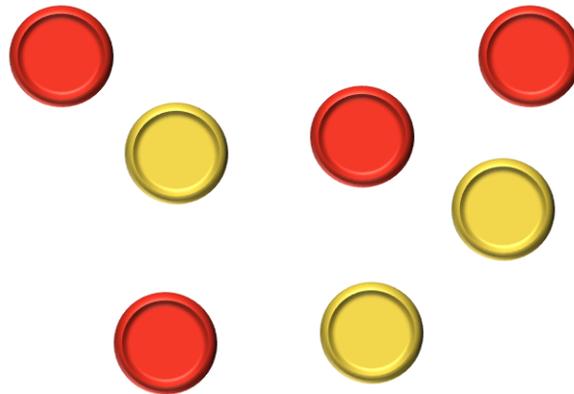
**Maths RPS**

Provide number cards. Ask children to select 2 cards and use the numbers to write the 8 facts.

Maths VF



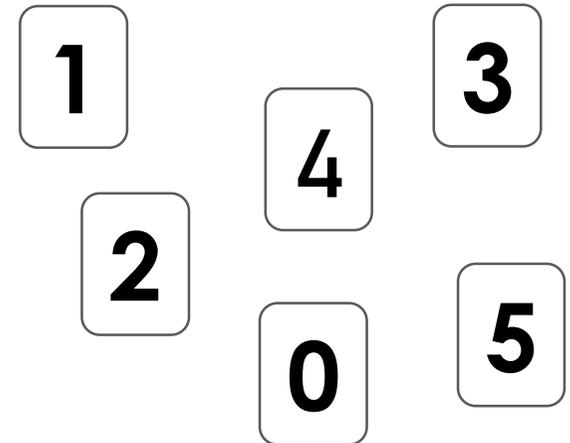
**Drop some double-sided counters. Write the 8 facts.**



Maths RPS



**Add two cards together. Write the 8 facts.**



Advice and ideas

**Sand**

Ask children to use the sandcastles and flags as aid for writing the 8 facts. Provide an opportunity for recording their learning.

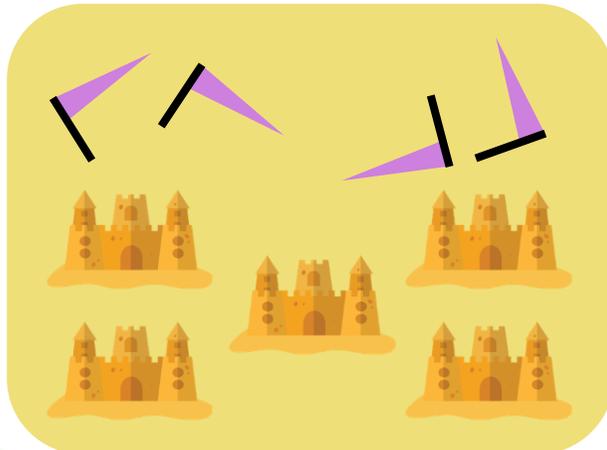
**Water**

Ensure that the children know that 10 fish are in the water. Ask children to catch some fish. Use the amount caught and 10 write the 8 facts.

Sand



**Build some sandcastles and add flags. Write the 8 facts.**

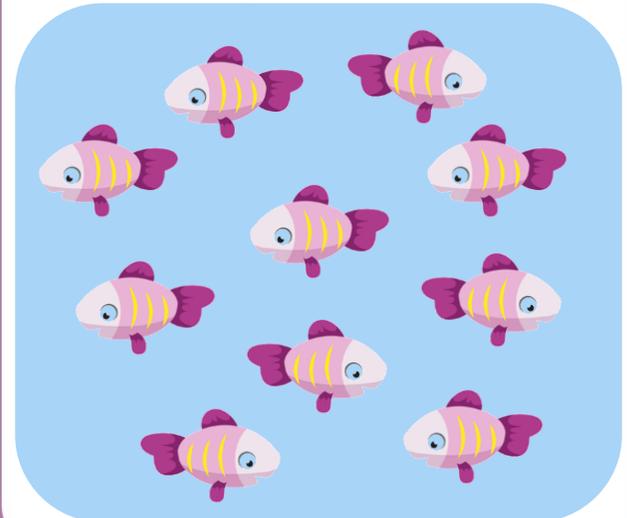


CLASSROOM *Secrets*

Water



**Catch some fish. Write 8 facts.**



CLASSROOM *Secrets*

Advice and ideas

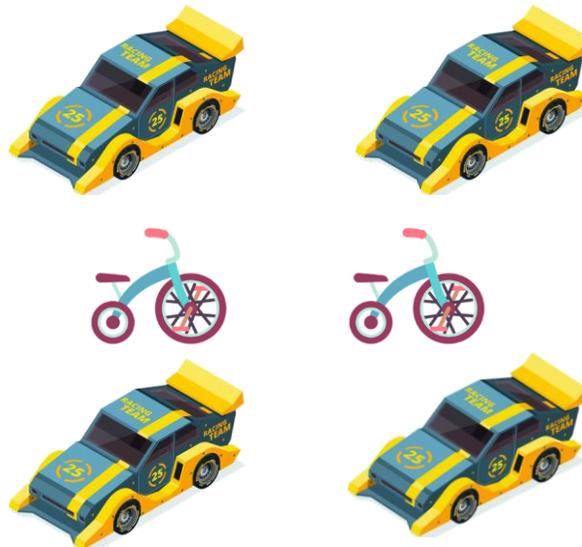
**Construction/STEM**  
Provide the children with materials to build the different vehicles. Children to use their models to write the 8 facts.

**Creative**  
Provide resources to make buns. Ask children give 3 buns away. Children to record the 8 facts.

Construction/STEM



**Build 4 cars and 2 bikes. Write the 8 facts.**



CLASSROOM *Secrets*

Creative



**Make 5 buns. Give 3 away. Write the 8 facts.**



CLASSROOM *Secrets*

Advice and ideas

**Maths VF**

Children to write a subtraction number sentence for a friend to complete.

**Maths RPS**

Ensure a number line is available. Ask children to roll the dice and count back the number shown.

Maths VF



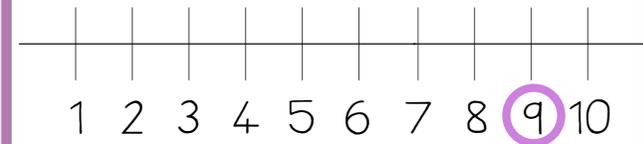
Write a subtraction for a friend.

$$4 - 2$$

Maths RPS



Start on 9. Roll a dice and count back.



Advice and ideas

**Maths VF**

Children to record the number sentence represented in the image.

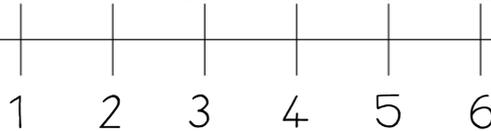
**Maths RPS**

Provide a blank number line. Using that ask the children to prove the number sentence is correct.

Maths VF



Write the number sentence.



$$\square - \square = \square$$

Maths RPS



Show  
 $6 - 5 = 1$



Advice and ideas

**Sand**

Children to draw a number line in the sand and use a model in order to count back on their number line.

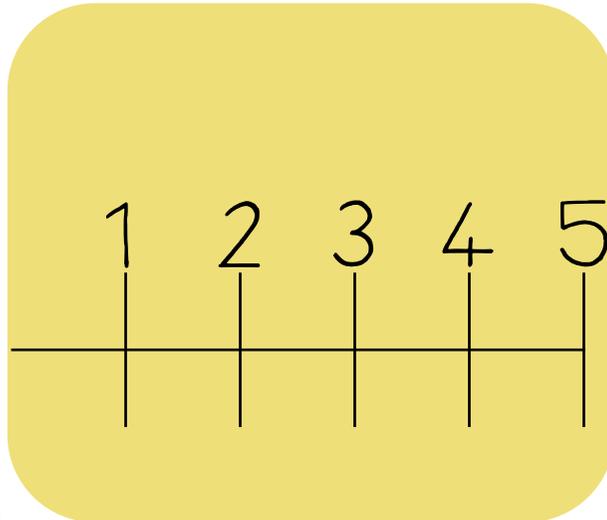
**Water**

Use paper plates (or other floating material) as lily pads for the frog to count back.

**Sand**



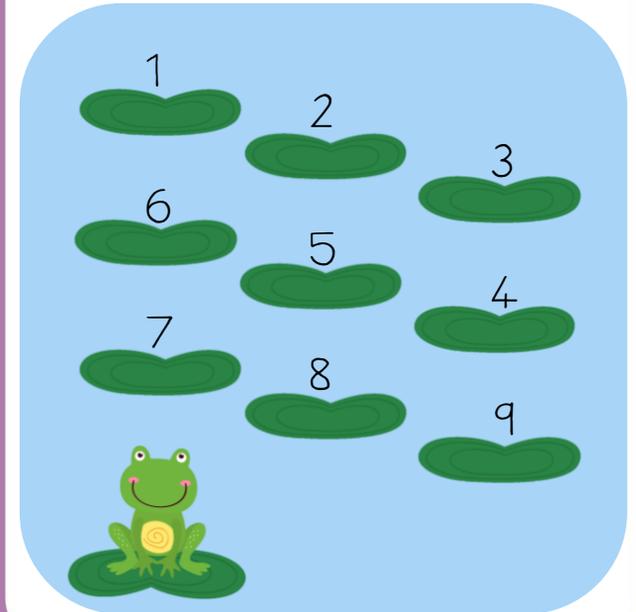
**Draw a number line in the sand to count back.**



**Water**



**Help the frog jump back.**



Advice and ideas

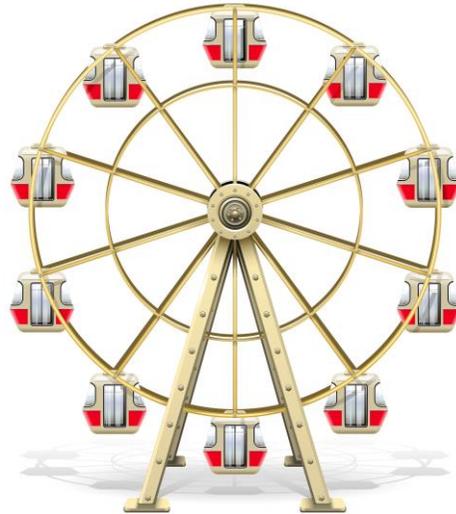
**Construction/ STEM**  
Provide materials to make a Ferris wheel. Label the pods and use the model as a number line for counting back.

**Creative**  
Provide a selection of resources for the children to create their own number line.

Construction/STEM



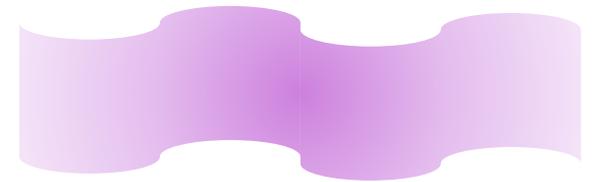
**Make a Ferris wheel. Label the pods.**



Creative



**Make your own number line!**



6 8 2 4  
1 7 5 9 3



## Advice and ideas

### Maths VF

Provide number cards. Ask children to pick two cards. Record the number sentence and find the difference. Encourage children to use resources in order to aid the calculation.

### Maths RPS

Children to collect different piles of objects, count the number of objects and find the difference. Children to record their learning.

## Maths VF

123

**Pick 2 cards.  
Find the  
difference.**

0

1

2

3

4

5

6

7

8

9

CLASSROOM *Secrets* VF

## Maths RPS



**Collect 2 groups  
of objects. Find  
the difference.**



CLASSROOM *Secrets* RPS

Advice and ideas

Maths VF

Provide counters. Ask children to use the counters to find the difference between the two numbers. Children to show the difference.

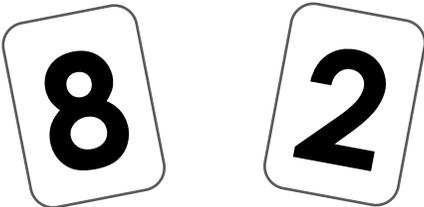
Maths RPS

Children to roll two dice to generate numbers that can be used to find the difference. Encourage the children to use their preferred method for this skill and to record their learning.

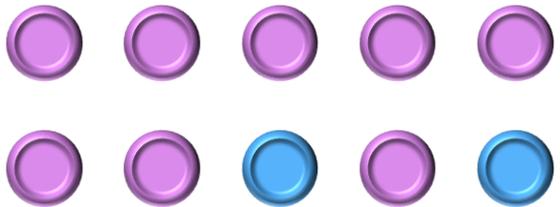
Maths VF

123

Show the difference.



Two cards showing the numbers 8 and 2.



Two rows of counters: the top row has five purple counters, and the bottom row has five purple counters with two blue counters in the middle.

CLASSROOM Secrets VF

Maths RPS



Roll two dice.  
Find the difference.



Two purple dice.

CLASSROOM Secrets RPS

# Provision Activity Cards – Addition and Subtraction – Find the Difference

## Advice and ideas

### Sand

Children to write two numbers in the sand and find the difference between them.

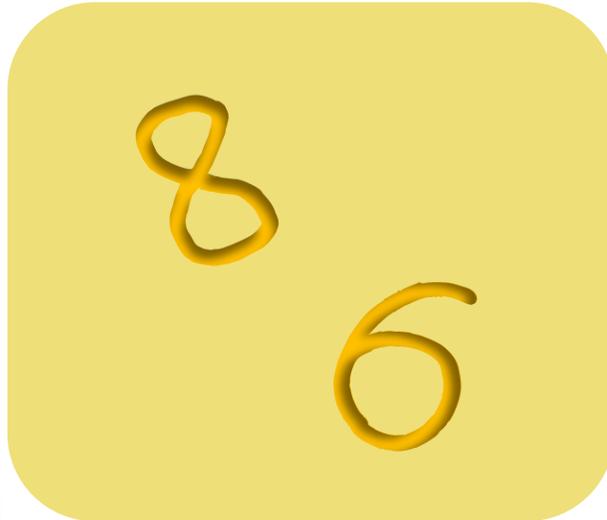
### Water

Children to collect 2 numbered golf balls and find the difference between the numbers on them.

## Sand



**Write 2 numbers in the sand. Find the difference.**

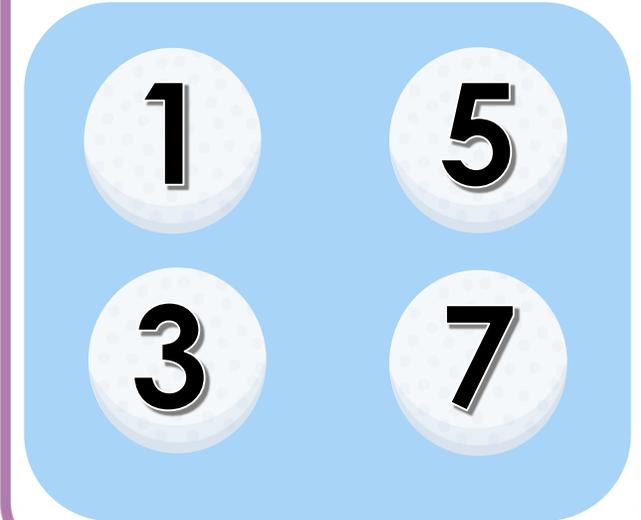


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## Water



**Get 2 balls. Find the difference.**



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Advice and ideas

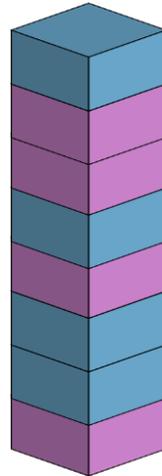
**Construction/STEM**  
Provide interlocking cubes and ask to build 2 towers. They then calculate the difference between the height of the two towers.

**Creative**  
Children to make two birthday cakes (perhaps link to characters in a class book) and find the difference between the number of candles.

Construction/STEM



**Build 2 towers.  
Find the difference.**



Creative



**Make these cakes.  
Find the difference.**



Advice and ideas

**Maths VF**

Provide different resources to aid the counting process. Children to complete the number sentence with the correct symbol.

**Maths RPS**

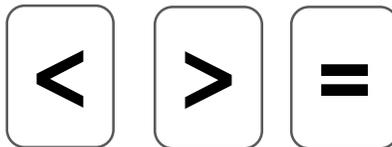
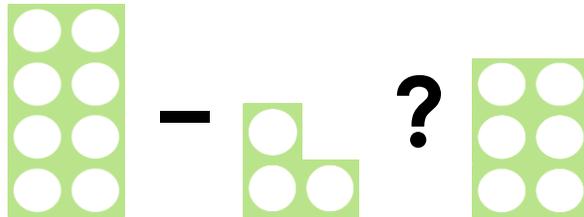
Provide different resources to aid the counting process. Children to complete the number sentence in multiple ways.

Maths VF



Make this true.

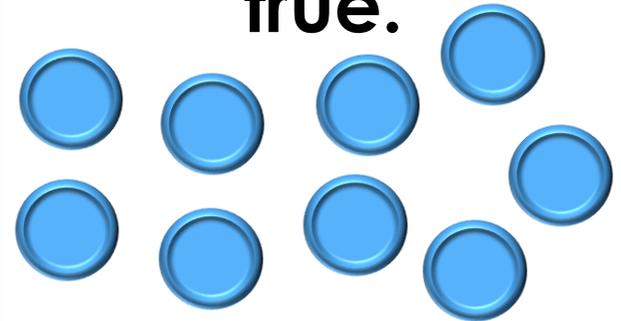
$$\boxed{8} - \boxed{3} ? \boxed{6}$$



Maths RPS



Write additions to make this true.



$$\boxed{9} > \boxed{\phantom{00}} + \boxed{\phantom{00}}$$

Advice and ideas

**Maths VF**

Provide different resources to aid the counting process. Children to compete the number sentence.

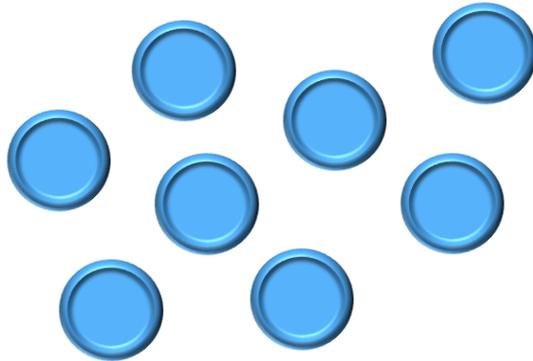
**Maths RPS**

Provide different resources to aid the counting process. Children to compete the number sentence in multiple ways.

Maths VF



Make this true.

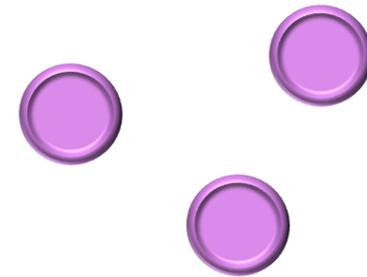


$$\boxed{8} = \boxed{\phantom{00}} + \boxed{\phantom{00}}$$

Maths RPS



How many ways can you do this?



$$\boxed{3} < \boxed{\phantom{00}} - \boxed{\phantom{00}}$$

Advice and ideas

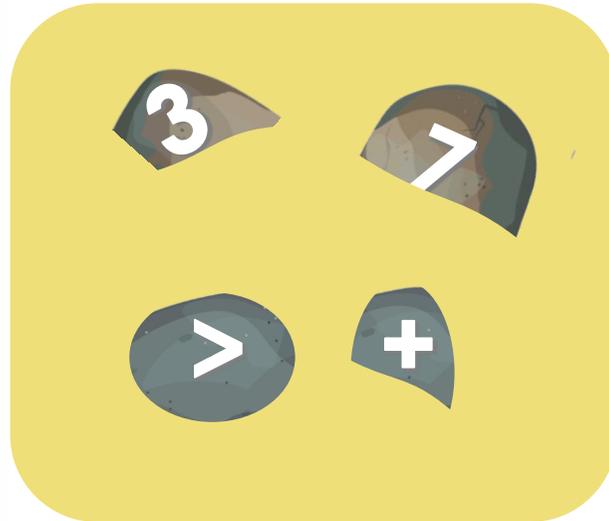
**Sand**  
Bury different objects with numerals and symbols. Children to find stones or shells that can be arranged into a comparison statements.

**Water**  
Write numerals on golf balls and symbols on ping pong balls. Children to collect numerals and then select the different symbols to make a correct comparison.

Sand



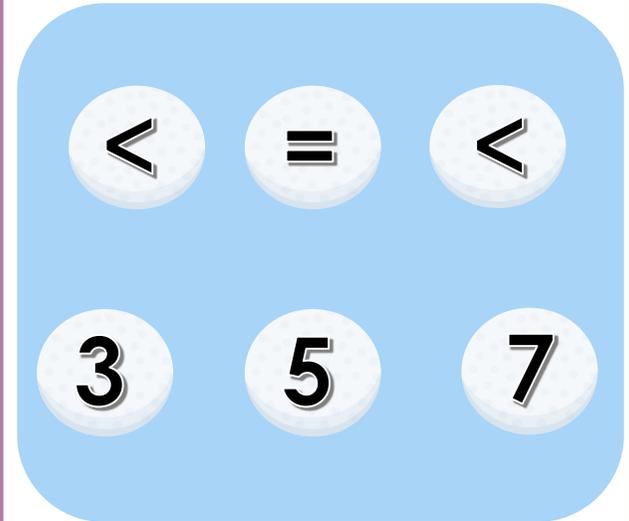
**Make a true statement.**



Water



**Make a true statement.**



Advice and ideas

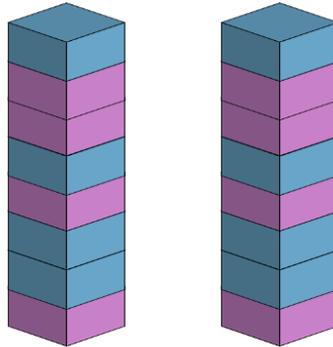
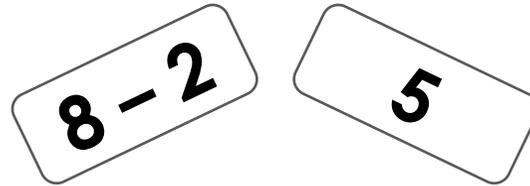
**Construction/STEM**  
Children to follow the statement in order to build two towers. Ask children to compare them with an inequality symbol.

**Creative**  
Provide materials for children to create their own inequality symbol. Children to use this to generate comparisons in the classroom.

Construction/STEM



**Build 2 towers**



**Which is bigger?**



Creative



**Make your own symbol.**



Advice and ideas

**Maths VF**

Provide a selection of addition and subtraction statements and the inequality symbols. Ask children to complete make a correct comparison.

**Maths RPS**

Provide a statement and symbol. Children to investigate the possibilities for the alternative statement.

Maths VF



Make these true.

$8 - 2$        $6 + 2$   
 $3 + 2$        $8 - 3$   
 $<$        $>$

Maths RPS



How many ways can you make this true?

$8 - 2$        $>$        $?$

Advice and ideas

**Maths VF**

Provide different resources to aid the counting process. Children to complete the missing boxes.

**Maths RPS**

Provide different resources to aid the counting process. Children to complete the missing boxes in different ways.

Maths VF



Make this true.



$$\square - \square$$

=

$$8 + 2$$

Maths RPS



How many ways can you do this?

$$\square + \square$$

<

$$\square - \square$$

Advice and ideas

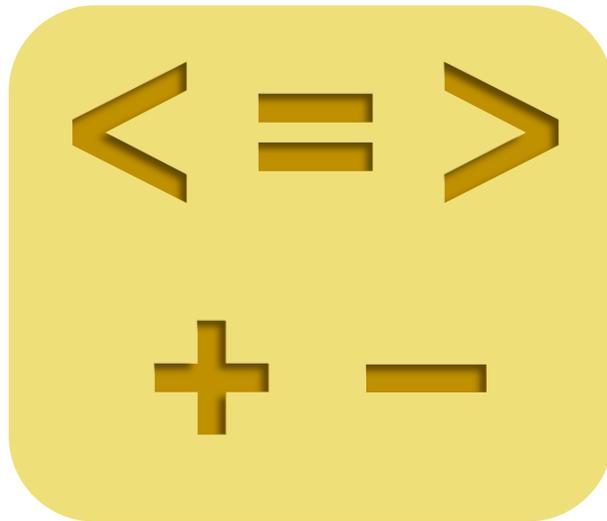
**Sand**  
Prior to the children working in the sand, write 2 different statements. Children to use shells (or other equipment) to calculate the answers and fill in the missing symbol.

**Water**  
Write numerals on golf balls and symbols on ping pong balls. Children to collect 4 numerals and then select the different symbols to make a correct comparison statement.

Sand



Use each symbol.

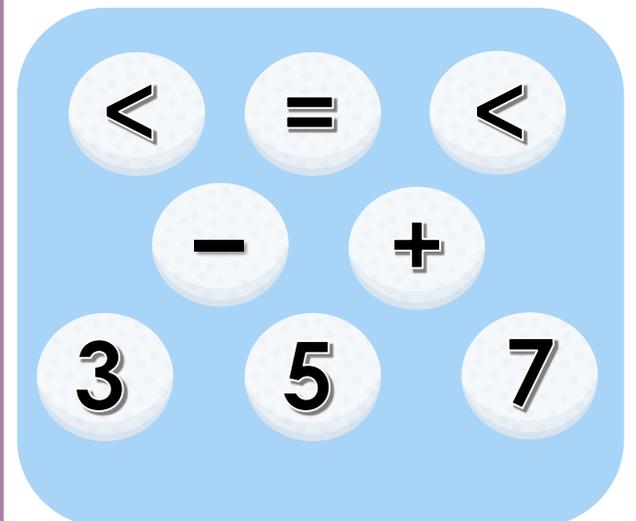


CLASSROOM *Secrets*

Water



Make a true statement.



CLASSROOM *Secrets*

Advice and ideas

**Construction/STEM**  
Provide a variety of construction resources. Ask children to make a model of an inequality symbol. Children to use this to create true statements around the classroom.

**Creative**  
Children to draw images that will represent the statement comparison indicated.

Construction/STEM



**Build a symbol.**



Creative



**Show**

$$5 + 5 = 3 + 7$$

