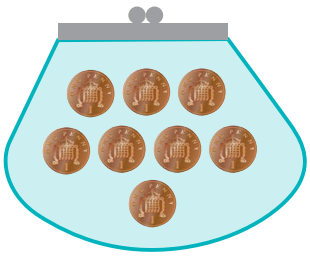
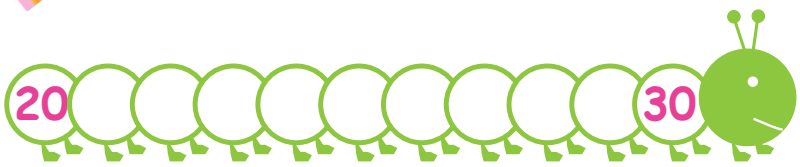
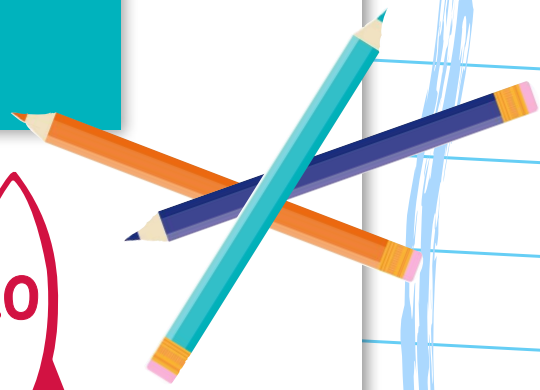
TheSchoolRun.com

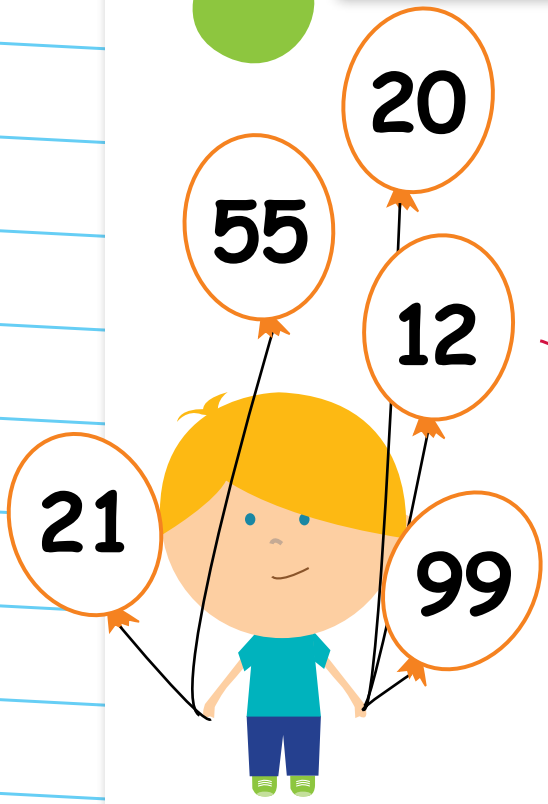


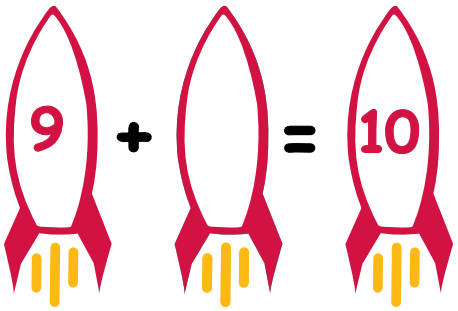


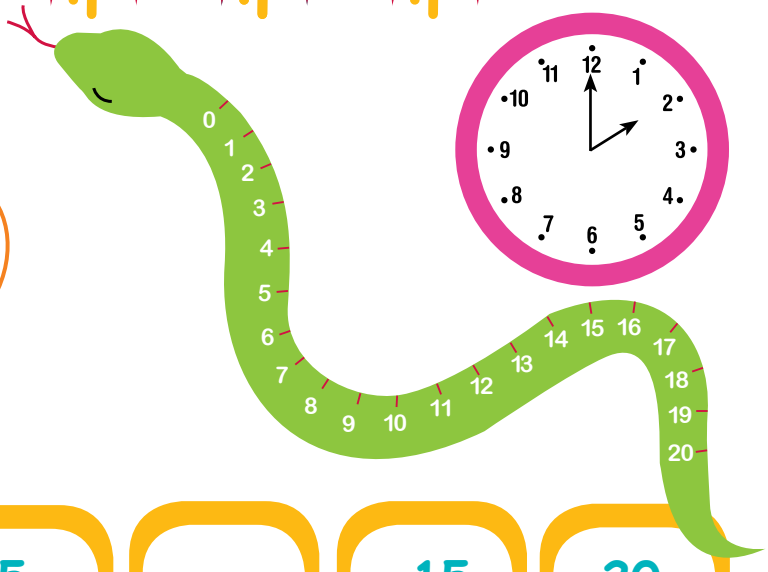
Year 1 MATHS

Booster pack









Counting summer suns

Can you match the pictures to the correct numbers? We've done the first one for you.

7 suns

8 suns

15 suns

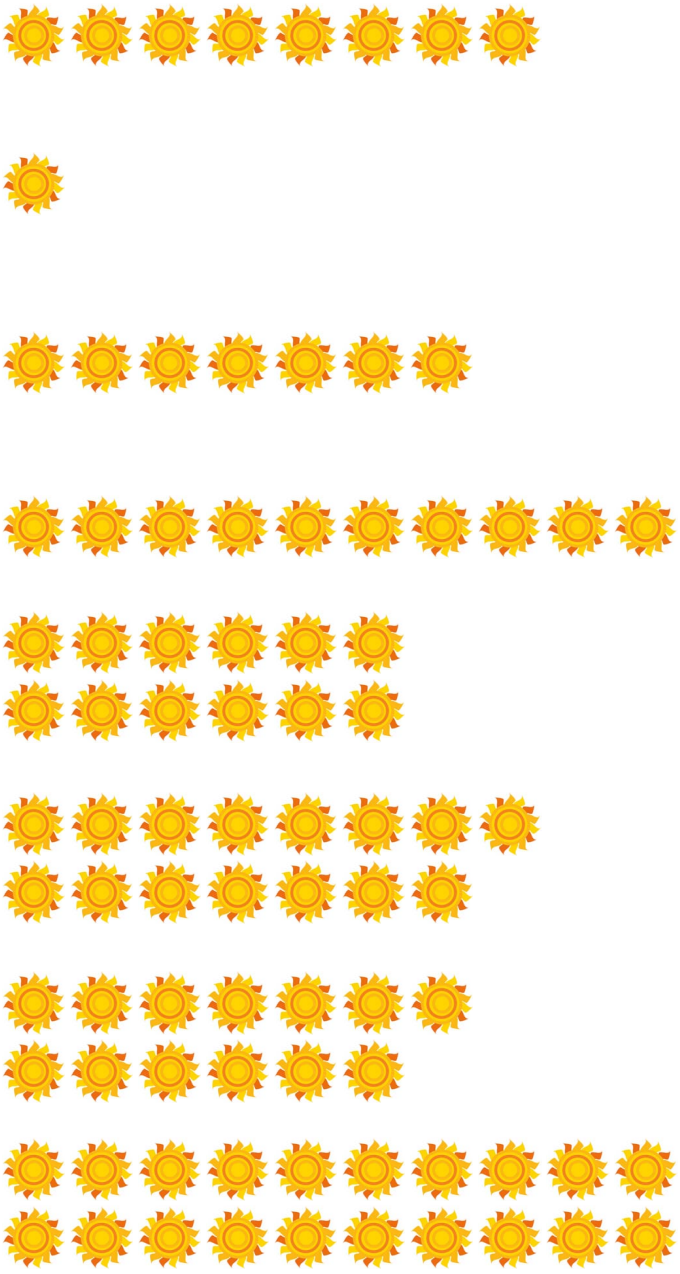
1 sun

20 suns

12 suns

10 suns

13 suns

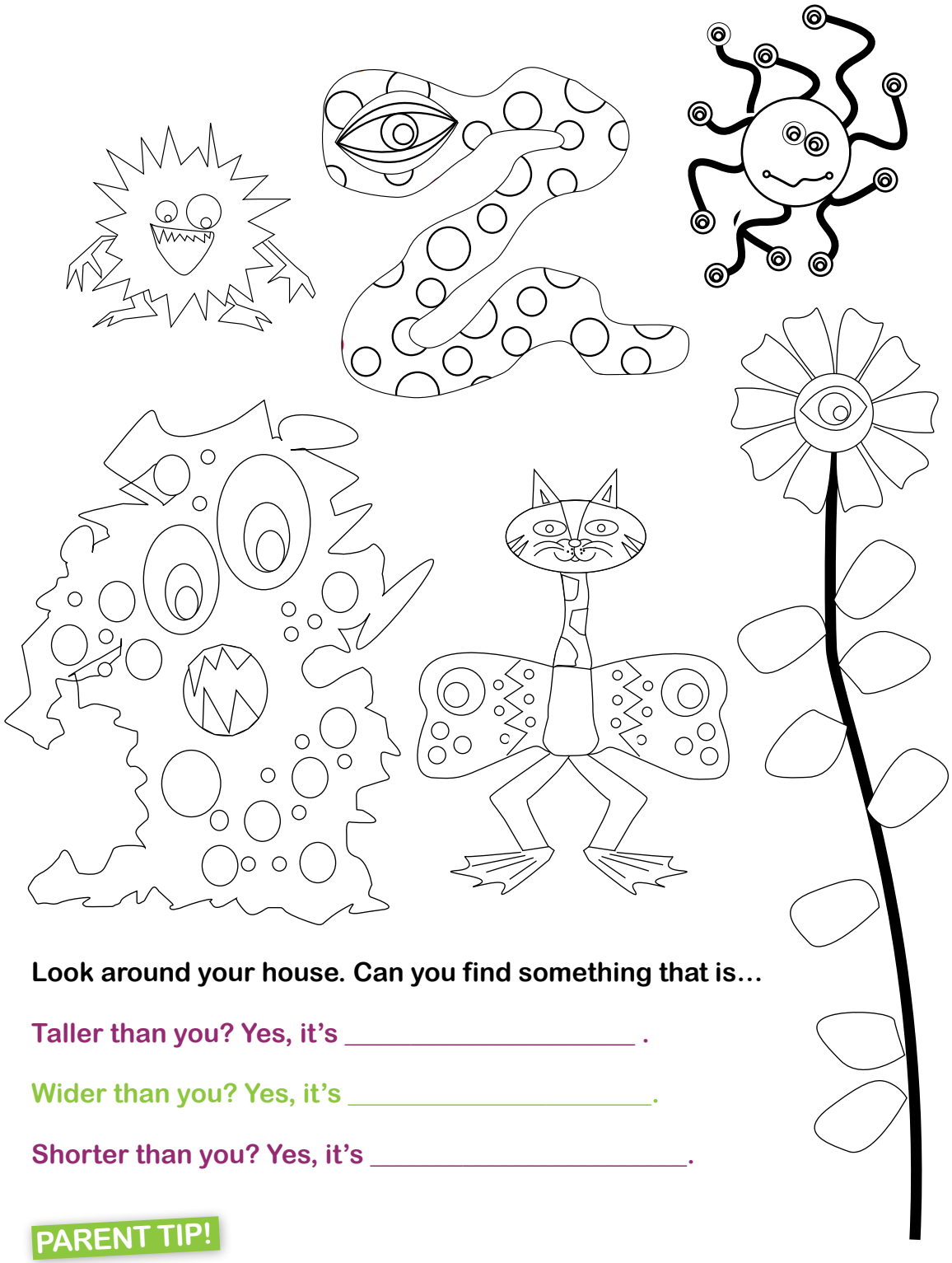


PARENT TIP!

Help your child to count accurately by showing them how to tick off each of the pictures with a pencil as they count them.

Find the tallest creature

Cut out the monsters below, colour them in and stick them on a sheet in order, from shortest to tallest.



Look around your house. Can you find something that is…

Taller than you? Yes, it's _____ .

Wider than you? Yes, it's _____.

Shorter than you? Yes, it's _____.

PARENT TIP!

In Y1 children learn to measure by comparing and using non-standard measures (like hand spans) instead of standard measures (like metres).

Finding one more and one less

Count the stars.

What is one less? ☐

Count the strawberries.

What is one less? ☐

Count the insects.

What is one more? ☐

Count the kangaroos.

What is one less? ☐

Count the aliens.

What is one more? ☐

PARENT TIP!

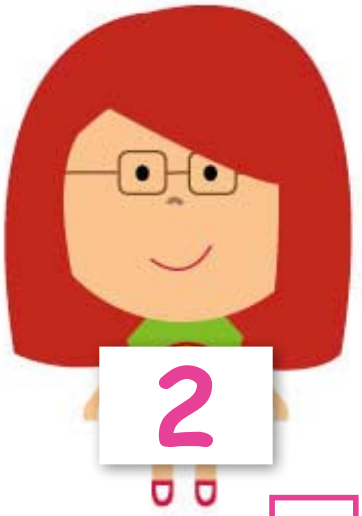
Learning one more and one less is a key objective in Year 1; it's the start of simple addition and subtraction practice.

Counting backwards

Put the number Ella is holding in your head then count back...
Write the number you get to in the box.

Count back 2 ☐

Count back 3 ☐



Count back 2 ☐

Count back 8 ☐

PARENT TIP!

Ask your child what kind of calculation they are doing here and check they know it is a subtraction.

Ordering numbers 1 to 100

Cut out this 100 square so that each number from 1 to 100 is on a separate square. Jumble them so they are all mixed up.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Ask an adult to time you putting all the numbers in the correct order, from 1 to 100.

How long did it take you?

Beat your own record!

Ask an adult to use a stop watch, or a phone with a timer, and time you while you challenge yourself.

How many jumps can you do in 30 seconds?

I can do _____ jumps in 30 seconds.

How many times can you write your name in a minute?

I can write my name _____ times in one minute.

How many hops can you do in 20 seconds?

I can hop _____ times in 20 seconds.

Now it's your turn to time a parent or a brother or sister. How many....

Star jumps can they do in a minute? ____

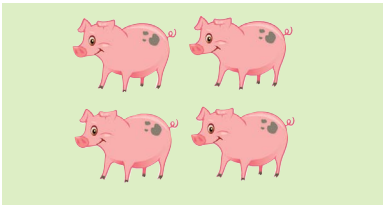
Times can they count to ten in 30 seconds? ____

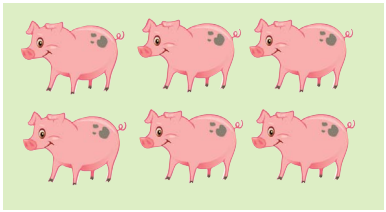
PARENT TIP!

As well as starting to learn to tell the time, children in Y1 are introduced to the concept of time by performing timed activities.

Addition on the farm

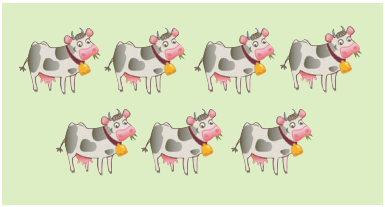
Farmer Joe needs some help. Can you add up how many animals he has?

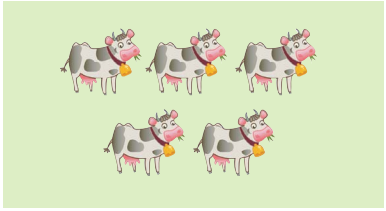




How many pigs does Farmer Joe have?

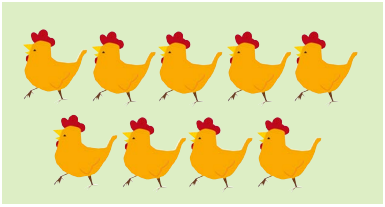
☐ + ☐ = ☐ pigs

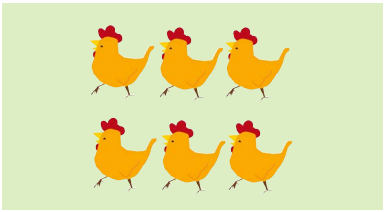




How many cows does Farmer Joe have?

☐ + ☐ = ☐ cows





How many chickens does Farmer Joe have?

☐ + ☐ = ☐ chickens

Which animal does Farmer Joe have most of? _____

Which animal does Farmer Joe have least of? _____

How many more chickens than pigs does Farmer Joe have? ☐

How many fewer cows than chickens does Farmer Joe have? ☐

PARENT TIP!

In everyday situations practise using terms like 'more than' and 'less than'. Ask questions such as, "How many more bananas than apples do we have in the fruit bowl today?"

Answers: 10 pigs; 12 cows; 15 chickens. The most number of chickens, the least number of pigs. 5 more chickens than pigs; 3 fewer cows than chickens.

Ordering the days of the week

Cut out and read these days of the week cards. Can you think of the different things you do on the different days?

Jumble the days up and then stick them onto another sheet in the correct order.

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

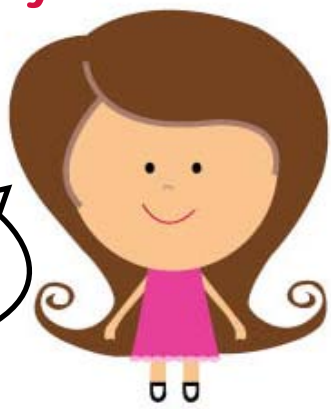
Sunday

PARENT TIP!

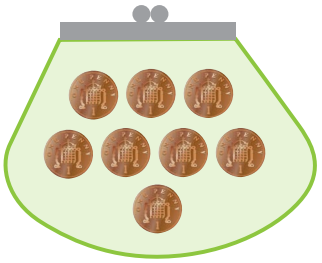
Ordering the days of the week (and months of the year) is a Y1 numeracy objective taught as part of children's work on time.

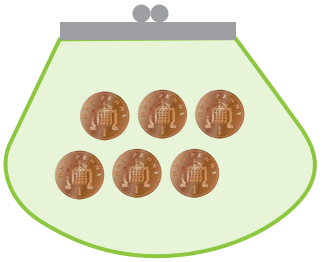
Match the money

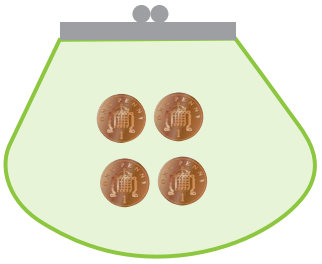
Look at the amounts in the purses on the left and the purses on the right.

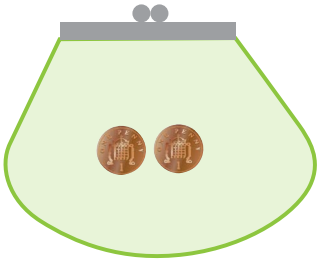


Draw with a pencil to show the amounts that match.









PARENT TIP!

Children love to use real money to practise counting! Encourage your child to count out money to buy small items with.

Estimate and count

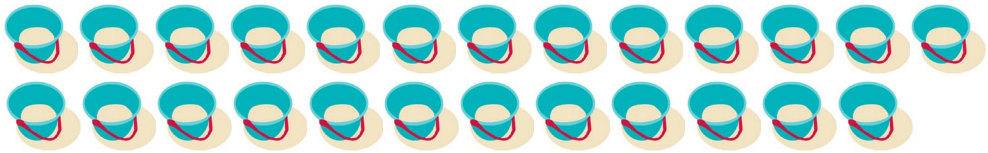
Estimate how many flowers there are here:

My estimation ☐ Now count them. How many are there? ☐

Estimate how many bees there are here:

My estimation ☐ Now count them. How many are there? ☐

Estimate how many buckets there are here:



My estimation ☐ Now count them. How many are there? ☐

Estimate how many monsters there are here:

My estimation ☐ Now count them. How many are there? ☐

PARENT TIP!

Explain to your child that an 'estimate' is a "clever guess", so they have to think carefully before giving their answer.

Picnic counting

It's a sunny day and you're off on a picnic. Draw some of the food you'll be taking, then count it again to check you'll have enough.

Draw 15 strawberries:

Draw 10 sandwiches:

Draw 12 cupcakes:

Draw 3 packets of crisps:

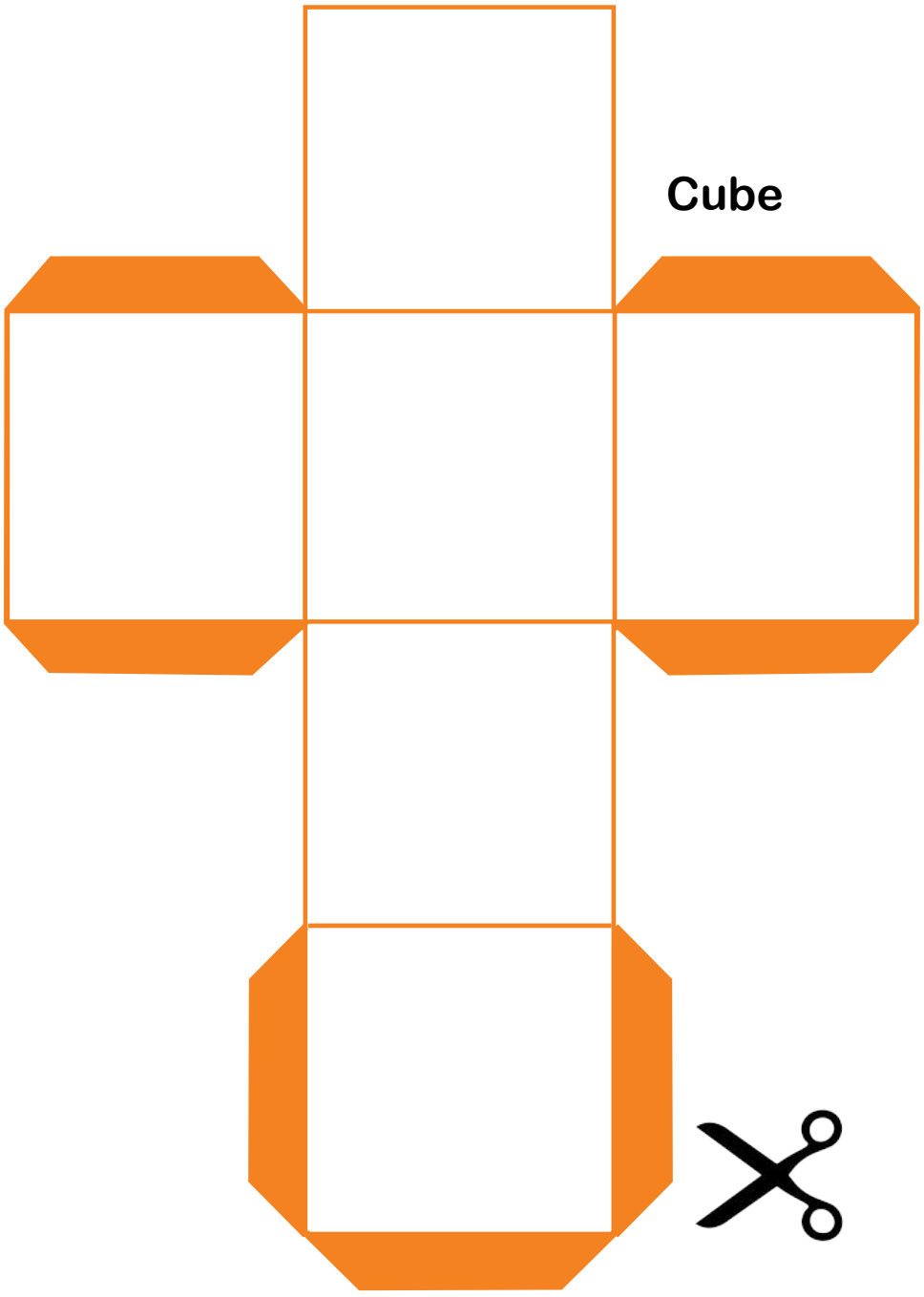
Draw 11 cookies:

PARENT TIP!

Encourage your child to count in as many different situations as possible: at the supermarket, on the journey to school, in the bath, wherever! Using their counting skills in 'real life' contexts gives them real incentive to learn.

Make 3D shapes

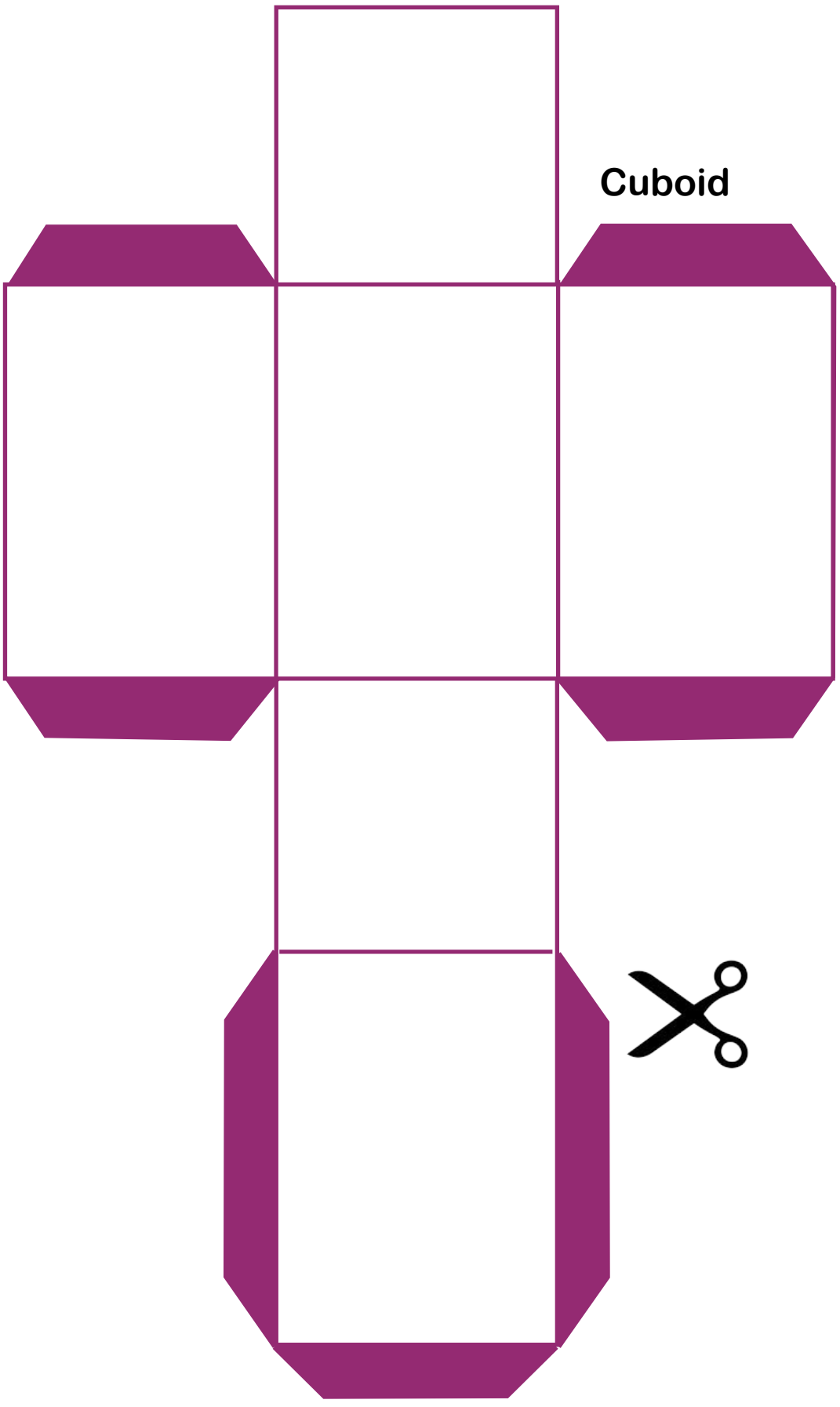
Can you cut out, colour and make these 3D shapes?

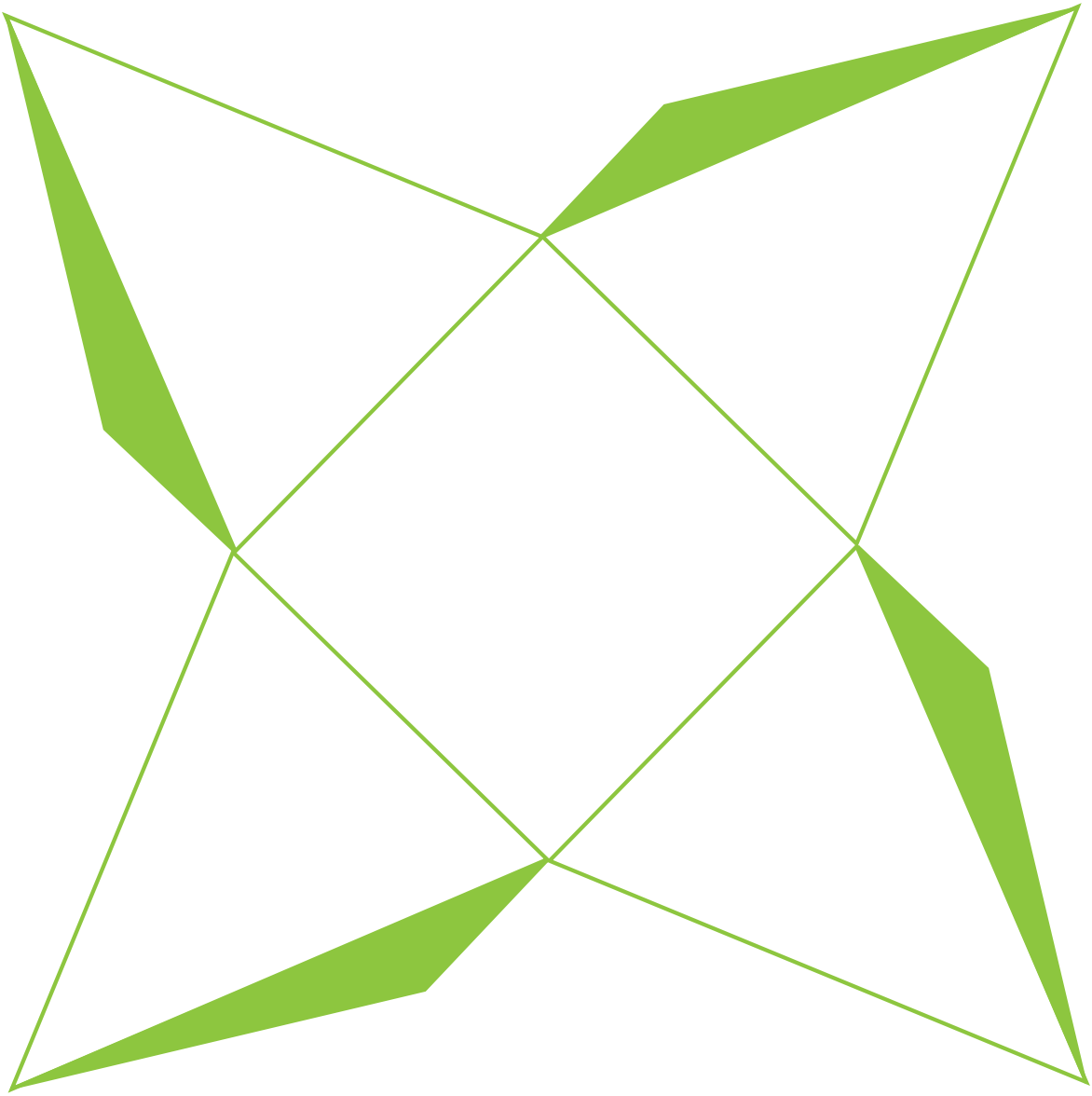


Cube

PARENT TIP!

When making these 3D shapes together note the 2D shapes of the faces. Count how many faces, edges and corners are on each shape. Your child will need help with the fiddly cutting and sticking!


Cuboid



Square-based pyramid

Fairy tale maths

It's helpful to read through each problem and underline the numbers, as they're the really "important bits".

Ask an adult for help with the reading if you need to.

Cinderella has to clean all the dishes. There are 7 plates and 2 bowls. How many altogether?

Write your calculation here: ☐ + ☐ = ☐

Goldilocks has tried some fruit from the bears' fruit bowl. She's eaten 8 grapes and 2 apples. How many pieces of fruit has she eaten altogether?

Write your calculation here: ☐ + ☐ = ☐

Ariel has found some shells. There were 10 in the sea and 3 on the beach. How many shells has she found?

Write your calculation here: ☐ + ☐ = ☐

Little Red Riding Hood has packed her basket with treats for her Grandma. She's packed 11 sweets and 4 chocolates. How many treats has she packed altogether?

Write your calculation here: ☐ + ☐ = ☐

Now write your own story problem here:

Write your calculation here:

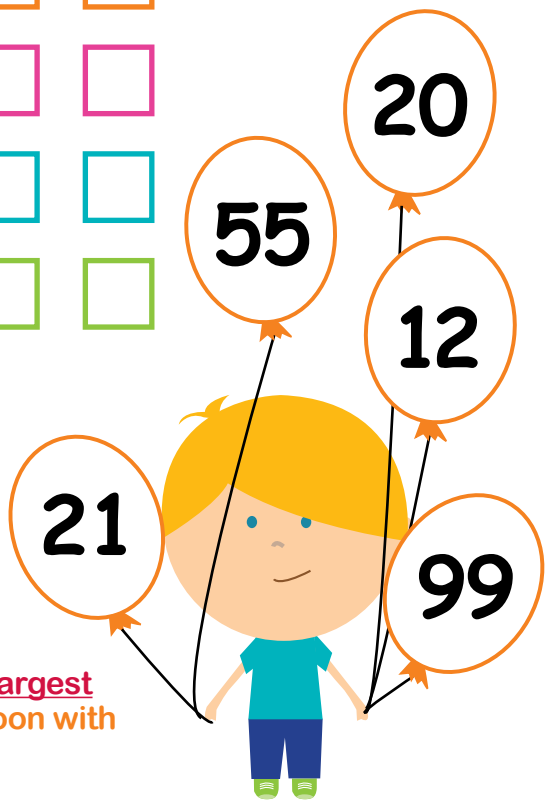
☐ + ☐ = ☐

Answers: 9, 10, 13, 15

Ordering numbers

Can you put the following numbers in the right order?

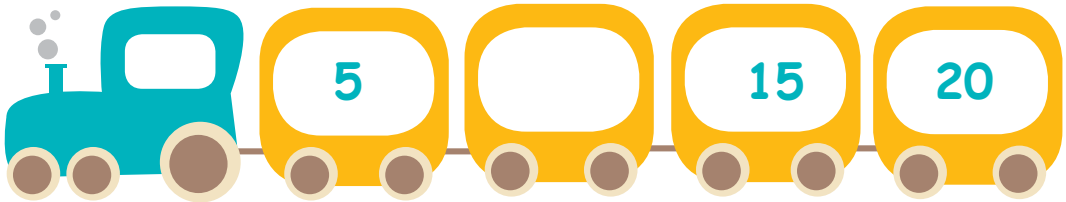
7	9	0	12	☐	☐	☐	☐
13	4	5	20	☐	☐	☐	☐
40	5	30	20	☐	☐	☐	☐
25	41	32	0	☐	☐	☐	☐
17	24	13	3	☐	☐	☐	☐
34	50	35	14	☐	☐	☐	☐
100	23	32	15	☐	☐	☐	☐
29	34	12	101	☐	☐	☐	☐
73	60	22	34	☐	☐	☐	☐

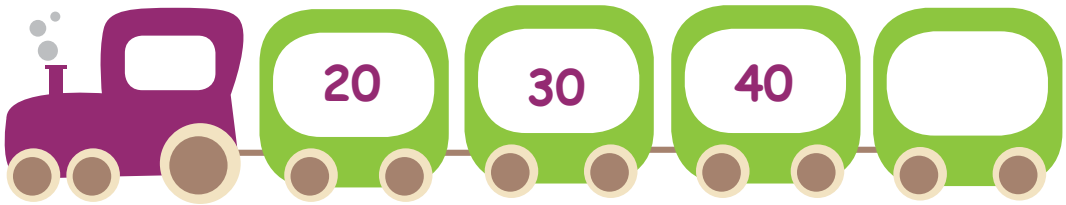


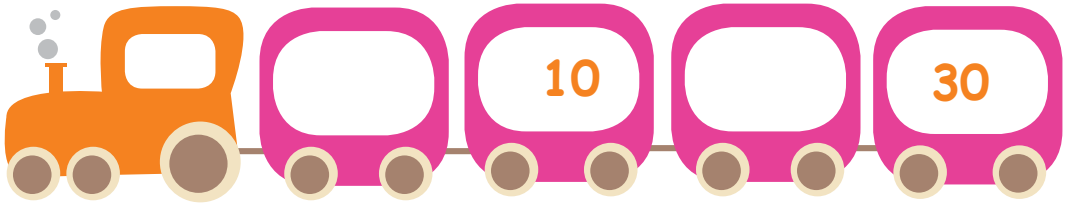
Colour the balloon with the largest number red. Colour the balloon with the smallest number blue.

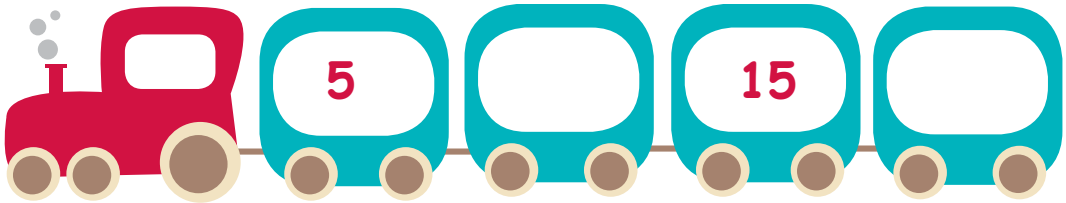
Counting in 5s and 10s

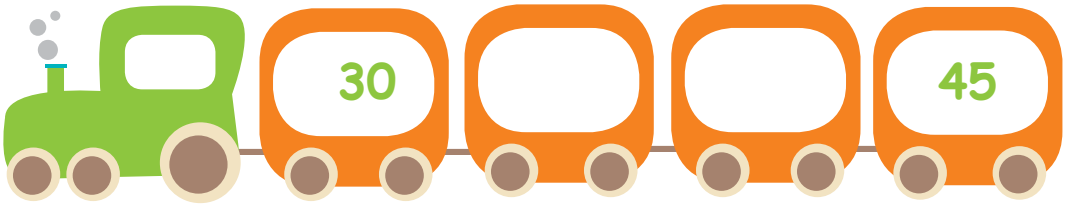
Can you fill in the gaps?









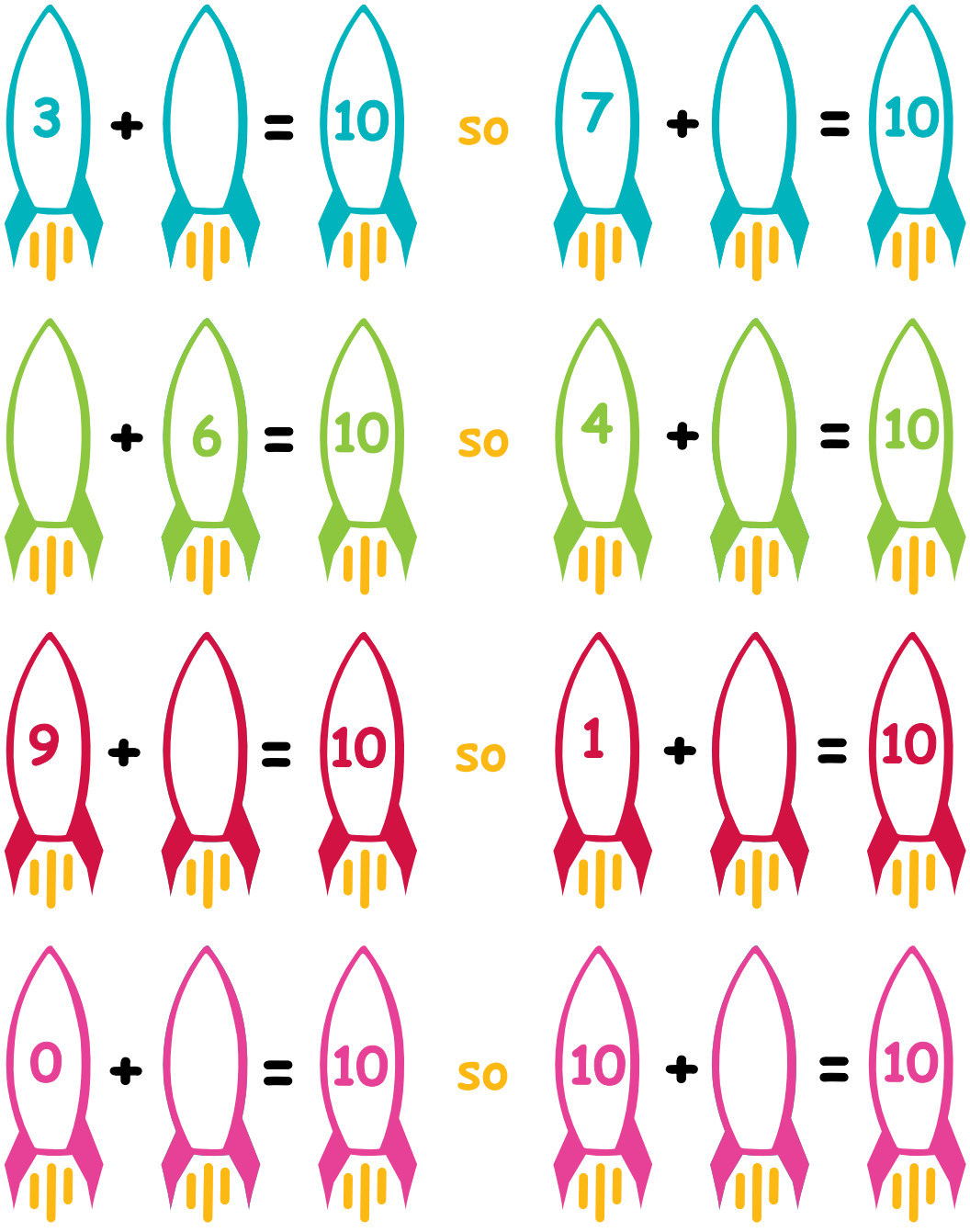


PARENT TIP!

As an extra activity ask your child to write a pattern of numbers and spaces, challenge you to fill in what's missing and then check your work!

Mind the gap!

Can you fill in the missing numbers? Note what happens when you switch the numbers of an addition around!



PARENT TIP!

Number bonds to 10 are pairs of numbers that equal 10. Your child will need to memorise all the number bonds to 10; as an extension activity ask your child if they can think of any number bonds to 20, for example:
13 + 7 = 20 or 5 + 15 = 20

Shapes everywhere!

Can you match these 3D shapes to their names?

Cylinder

Sphere

Cube

Cuboid

Triangular prism

Look around you. Can you see any 3D shapes?

Draw some objects you see around the room and label them with their shape name.

PARENT TIP!

Go on a 'shape walk' around the house and find lots of 2D and 3D objects. Discuss the shape names with your child.

Subtraction time!

Can you complete these subtraction calculations? The caterpillar number line can help you.

19 - 9 = ☐

20 - ☐ = 11

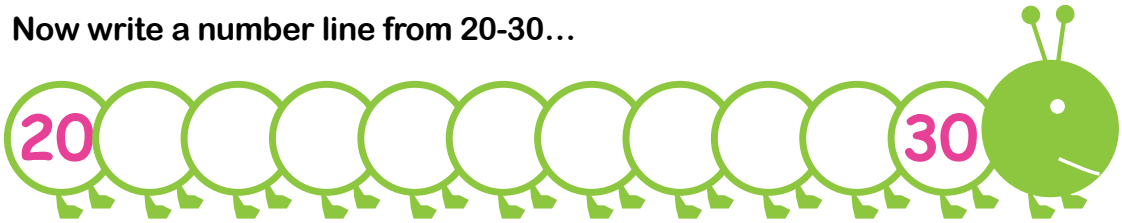
17 - 1 = ☐

9 - ☐ = 3

19 - 11 = ☐

20 - 18 = ☐

Now write a number line from 20-30…



Can you complete these subtractions, using your number line to help?

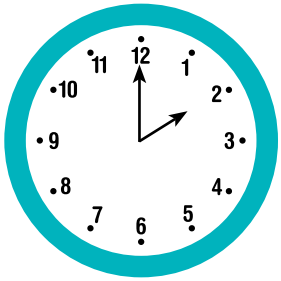
30 - ☐ = 20

29 - 3 = ☐

25 - ☐ = 24

Telling the time

What time is it?



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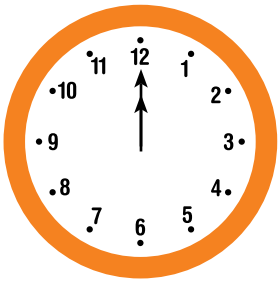

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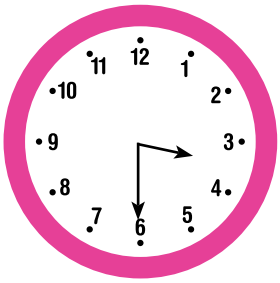

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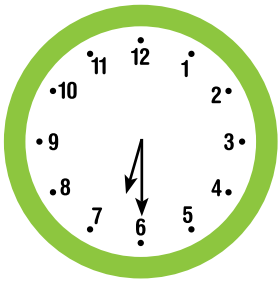
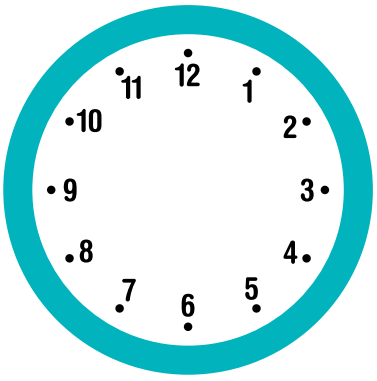
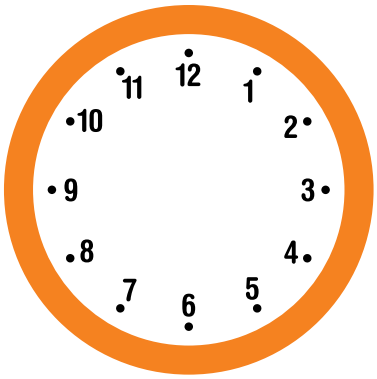


_____

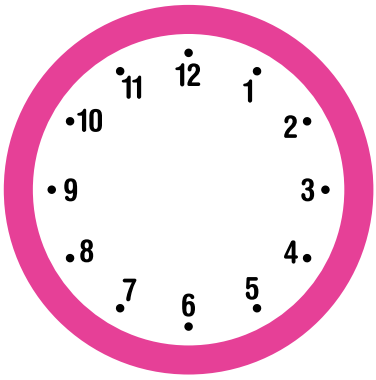
Now draw on the times...



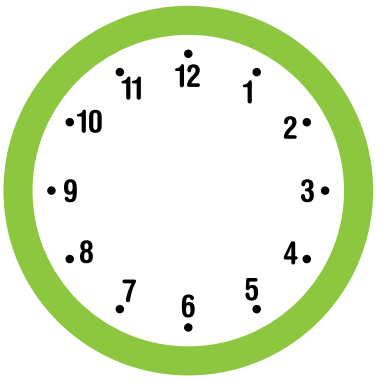
3 o'clock



7 o'clock



Half past 8



Half past 12

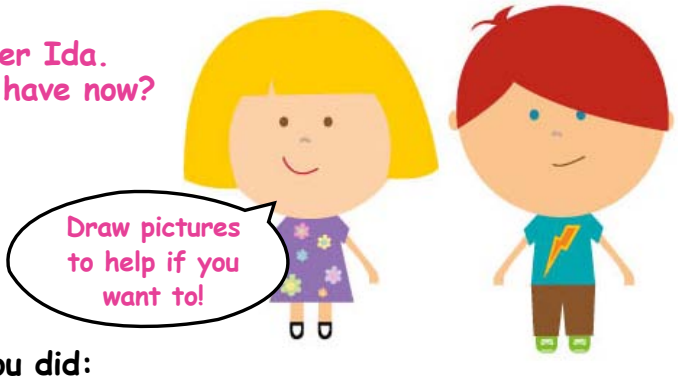
PARENT TIP!

By far the best way to teach time is by using real-life situations. Help your child by telling them that tea will be at 5pm and showing them on a clock.

Subtraction story problems

Can you work out the answers to these story problems?

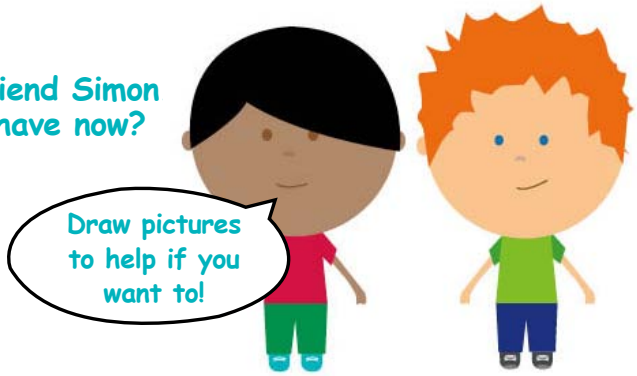
Zane has 7 sweets.
He gives 3 sweets to his sister Ida.
How many sweets does Zane have now?



Write down the calculation you did:

☐ - ☐ = ☐

James has 9 chocolates.
He gives 4 chocolates to his friend Simon
How many sweets does James have now?



Write down the calculation you did:

☐ - ☐ = ☐

Now it's your turn! Write down a subtraction story number problem:

_____

_____

_____

What calculation would you need to do to solve the problem?

☐ - ☐ = ☐

PARENT TIP!

Encourage your child to underline the important parts of the problem, the numbers and any words that hint at what calculation is needed. Check your child understands that "he gives" means taking away.

At the market: money problems

Can you work out the answers to the following word problems?

You can underline the important words and numbers and show the calculation you have done. You can also use a number line to help you if you like.

James buys an apple and a banana.

How much money does he spend altogether?

☐ + ☐ = ☐

Posy buys an orange and an apple.

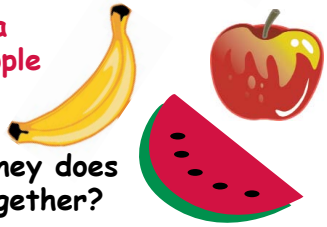
How much money does she spend altogether?

☐ + ☐ = ☐

Harvey buys a banana, an apple and a melon.

How much money does he spend altogether?

☐ + ☐ + ☐ = ☐



Ella buys an orange and a pear.

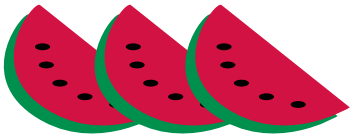
How much money does she spend altogether?

☐ + ☐ = ☐

Lucy buys 3 melons.

How much money does she spend altogether?

☐ + ☐ + ☐ = ☐



Now think of 3 things you'd like to buy at the market!

How much money do you spend altogether?

☐ + ☐ + ☐ = ☐

Answers: James - 30p; Posy - 29p; Harvey - 33p; Ella - 19p; Lucy - 9p

PARENT TIP! You could extend this activity by asking your child to work out which child/ren spent the most and the least.

Handling data: bar charts

Your teacher told you to ask all the children in the class what their favourite crisp flavours are.

This is what you found out:

Ready salted	Salt and vinegar	Cheese and onion	Prawn cocktail	Chicken
9 children	3 children	7 children	2 children	5 children

Can you show your results on the bar chart below?

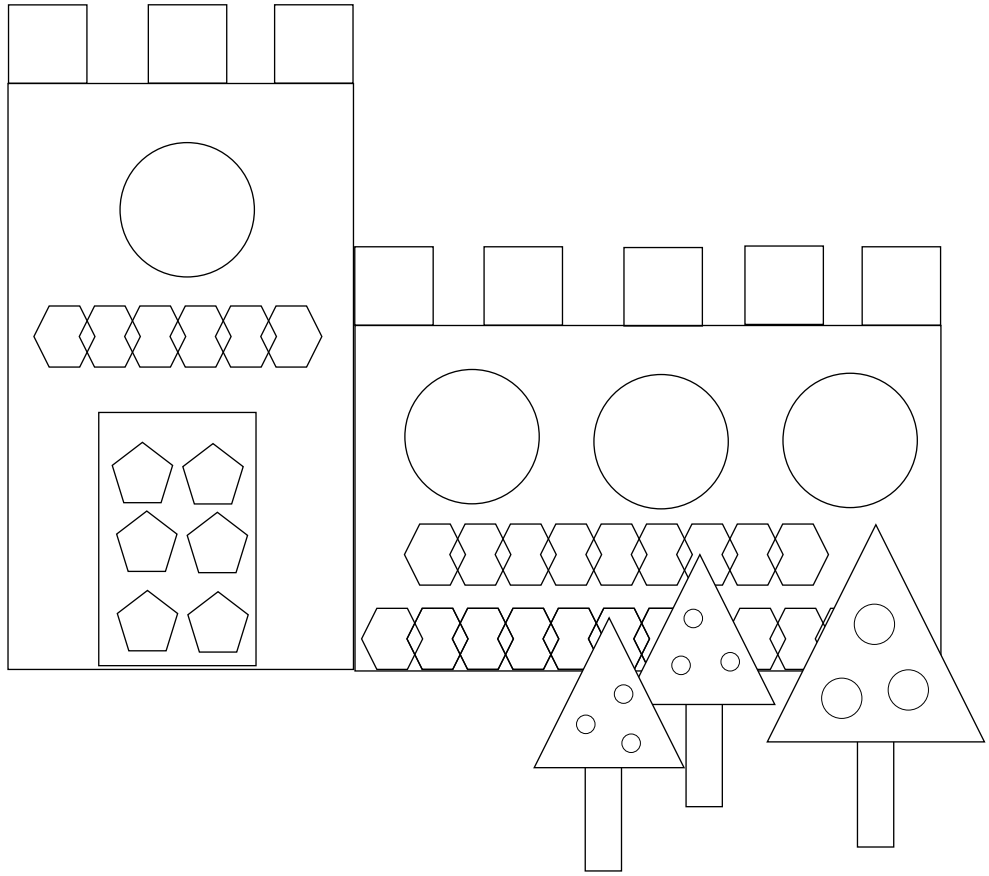
PARENT TIP! When your child has finished the bar chart ask them which crisps were the most and least popular.

Find the 2D shapes

There are all kinds of shapes hidden in the picture below. Can you colour them in using different colours?

Circles - Orange Squares - Green Triangles - Blue

Rectangles - Pink Hexagons - Purple Pentagons - Red



How many circles did you find? ☐

How many squares did you find? ☐

How many triangles did you find? ☐

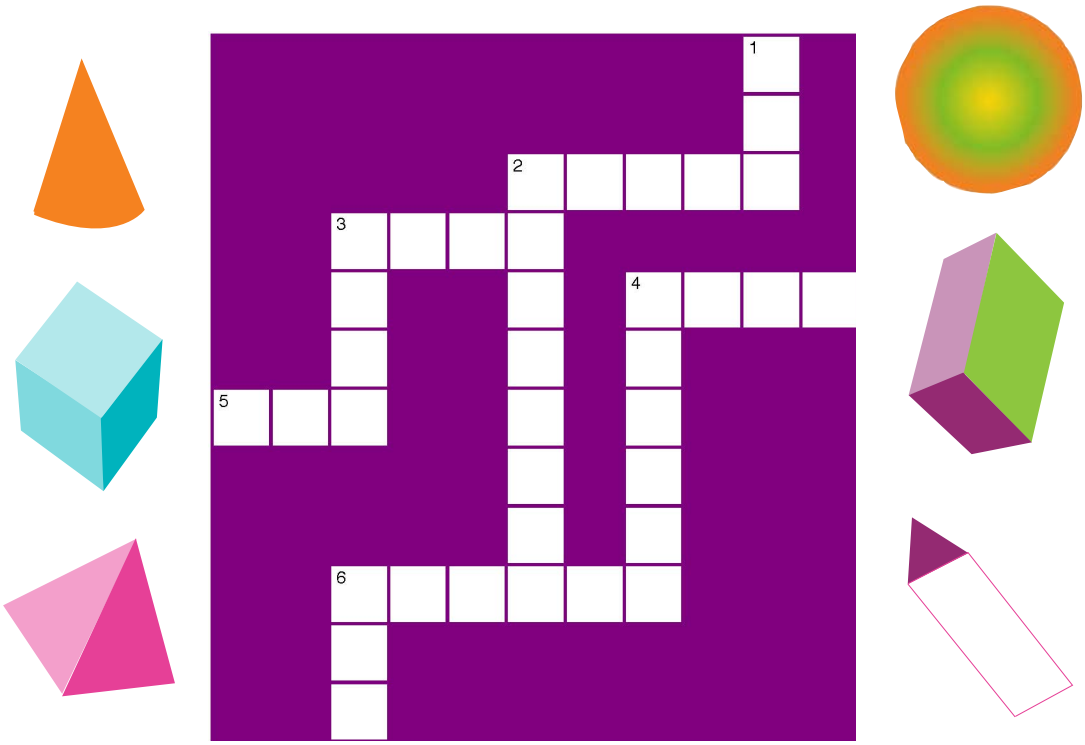
How many rectangles did you find? ☐

How many hexagons did you find? ☐

How many pentagons did you find? ☐

Shapes crossword

Can you solve the clues and complete the crossword?
Ask an adult to help you fill in the words.



ACROSS

2. How any sides does a triangle have?

3. A square has ____ even sides

4. Are the edges of a cube the same length or different?

5. A circle has ____ sides

6. A ball is which 3D shape ?

DOWN

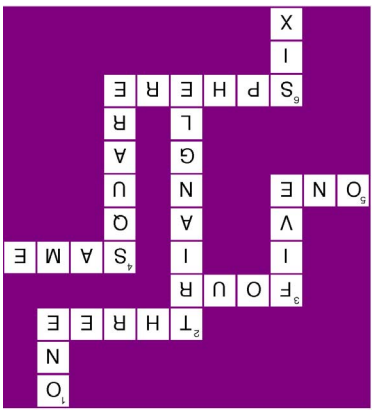
1. A sphere has ____ faces.

2. A shape with three sides.

3. A pentagon's sides

4. What shape is each face of a cube?

6. Hexagons have ____ sides.



Answers:
Down 1. one, 2. triangle, 3. five, 4. square, 6. six
Across: 2. three, 3. four, 4. same, 5. one, 6. sphere