MATHS SUPPORT: YEAR 1 (5-6 yrs old) WEEK 5 ACTIVITIES

Brainy Targets

This week we are aiming to:

1. Read and write the numbers 18, 19 and 20, and count reliably to 20

2. Double small numbers

3. Pairs that make 10

4. Recognise properties of 2D shapes

5. Recognise properties of 3D shapes

6. Challenge: pricing shapes

The activities that follow are just a small sample of the wide selection we have available. If you feel more practice is needed there are many more similar pages in the Resource Browser under:

 Year 1: Counting

Year 1: Doubling and halving

Year 1: Geometry

Year 1: Challenges

MATHS SUPPORT: YEAR 1 (5-6 yrs old) WEEK 5 ACTIVITIES

BRAIN BUILDING ACTIVITIES

This week we have some ideas to help brain buiding with counting up in tens.

1. '10 cards'.

BRAIN TRAINING MENTAL ACTIVITIES

Try asking your children these sets of mental arithmetic questions during the week which concentrate on:

Set 1, 2, 3 and 4:

More than, less than, add, take, double, properties of 2D shape.

BRAIN TRAINING PRINTOUTS

Settle down in a quiet corner with pencils and paper to have a go at these printouts:

1. Read and write the numbers 18, 19 and 20

2. Counting up to 20 in ones

3. Double small numbers

4. Pairs that make 10

5. Properties of 2D shape

6. Properties of 3D shape

7. Challenge: What shapes can you buy for 10p?

BRAIN BUILDING ACTIVITIES: WEEK 5

10 cards

Finding resources for counting in tens can be tricky but it is really good fun to encourage your child to make their own.

One idea is to collect sets of ten objects and stick them onto paper or card.

The first stage is to collect 10 small items, such as sweet wrappers, tickets, receipts, stamps, leaves etc. A good source of material comes from shopping catalogues; you can even have ten freezers!

Then stick all ten of one set onto a piece of paper or card. This can be done with glue, or folding a piece of sticky tape in half, or using double sided tape.

Check by counting that there are exactly ten items on the card.

Once one card has been completed find 10 of another set and build up 10 cards, each with ten items on, which will give a total of 100.

Use these cards to help with counting up in tens. Lay three out on the table or floor and count up 10, 20, 30, picking a card up each time you count.

BRAIN TRAINING MENTAL ACTIVITIES: WEEK 5

Set 1:

1. What is one more than 17?

2. What is one more than 19?

3. Double 4.

4. Add 6 and 10.

5. Add 10 and 8.

6. Take 2 from 8.

7. Take 6 from 10.

8. What is 10 more than 20?

9. What is 10 more than 40?

10. Count back 3 from 11.

Set 2:

1. What is one more than 14?

2. What is one more than 18?

3. Double 5.

4. Add 7 and 10.

5. Add 10 and 2.

6. Take 3 from 9.

7. Take 5 from 10.

8. What is 10 more than 10?

9. What is 10 more than 30?

10. Count back 4 from 12.

Set 3:

1. What do you add to 7 to make 10?

2. How many less than 10 is 6?

3. How much change from 10p if you spend 8p?

4. What is 10 more than 20?

5. What number comes next: 4 6 8 ?

6. What shape has 4 sides?

7. How much change from 10p if you spend 5p?

8. Double 4

9. Double 5

10. What is 10 more than 60?

Set 4:

1. What do you add to 3 to make 10?

2. How many less than 10 is 1?

3. How much change from 10p if you spend 4p?

4. What is 10 more than 30?

5. What number comes next: 3 5 7 ?

6. What shape has 3 sides?

7. How much change from 10p if you spend 7p?

8. Double 3

9. Double 1

10. What is 10 more than 50?

18 can be made by adding

3, 4, 5 and 6.

3 + 4 + 5 + 6 = 18
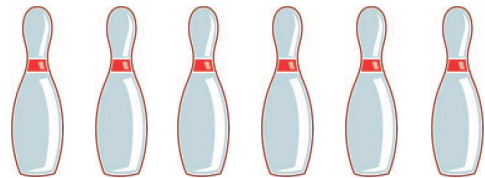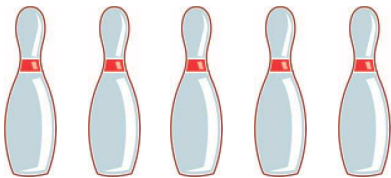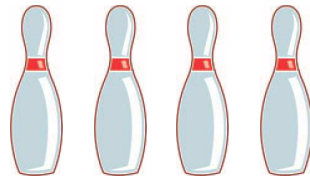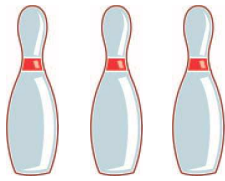
Write the number eighteen.

18   18   18   18

18   18   18   18

Lots more practice sheets in the resource browser under Year 1: Reading and Writing Numbers

This pattern of 19 circles is easy to make with coins.

19
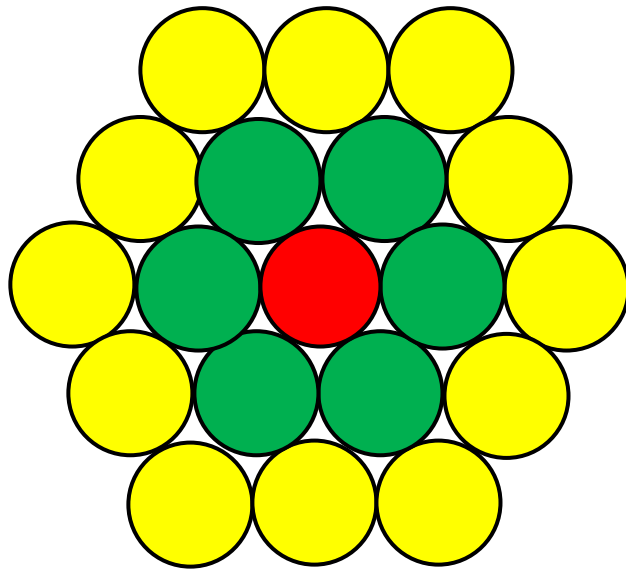
Write the number nineteen.

19   19   19

19   19   19

A dart board is made up of the numbers 1 to 20.

20

Write the number twenty.

20   20   20   20

20   20   20   20

Count on in ones from:

15

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
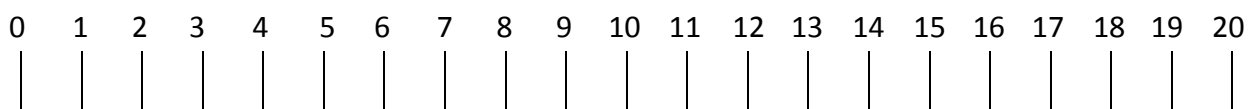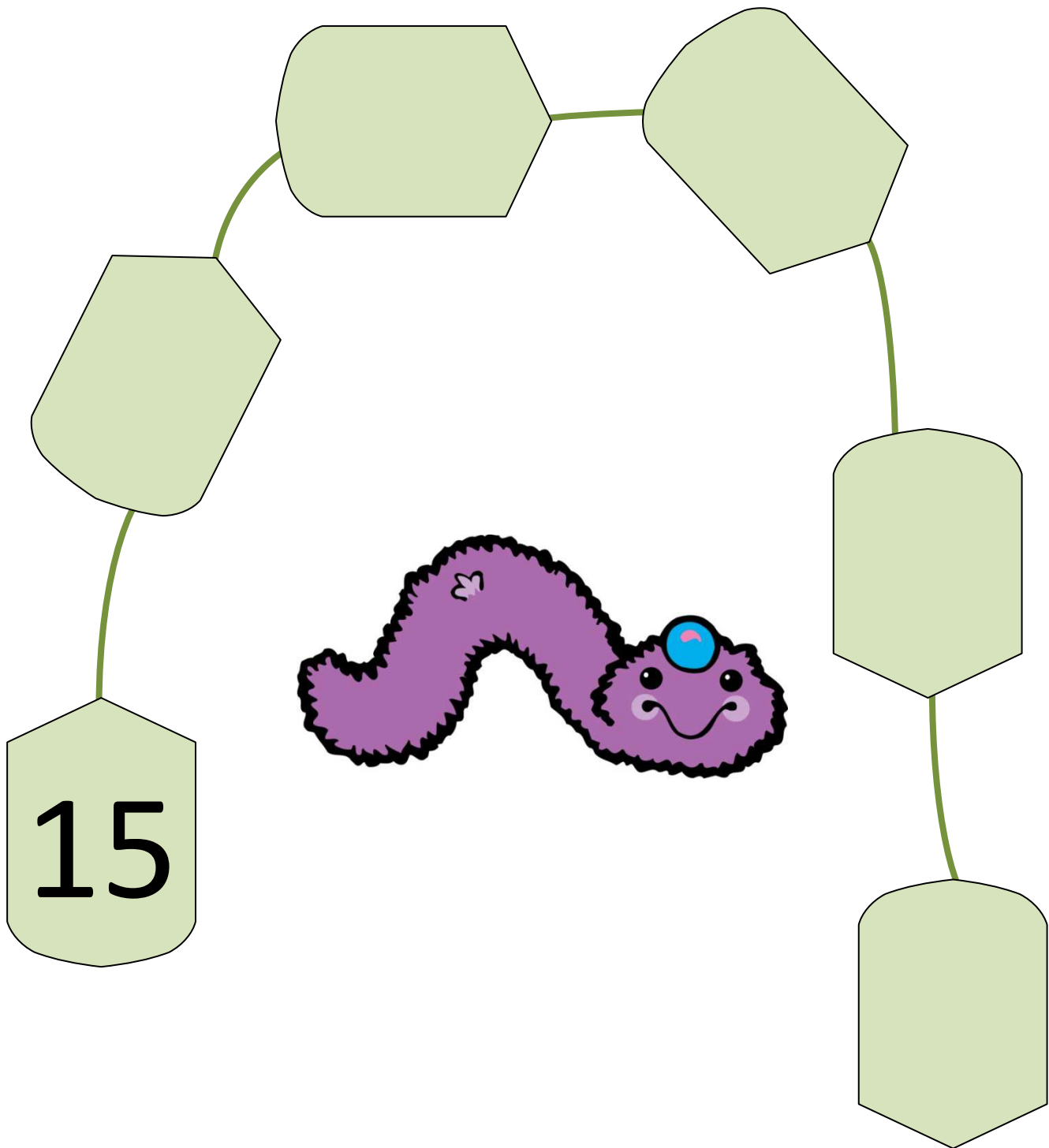
Lots more practice sheets in the resource browser under Year 1: Counting

Draw **double** the number of shapes shown in the boxes.
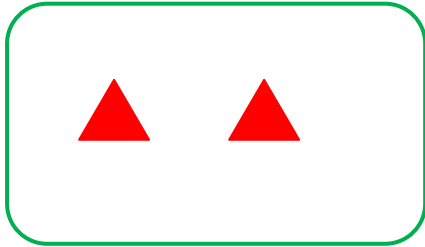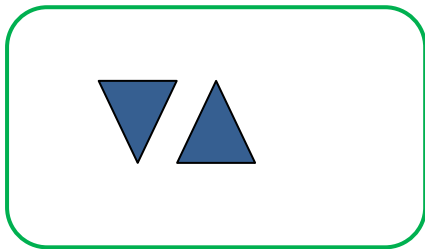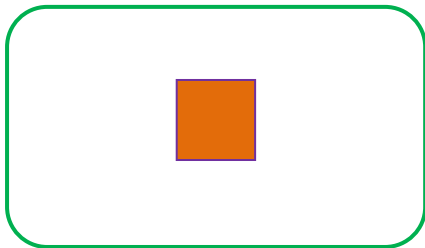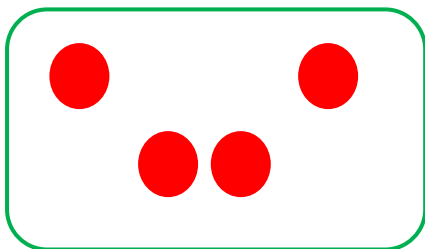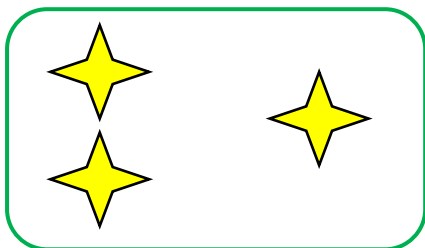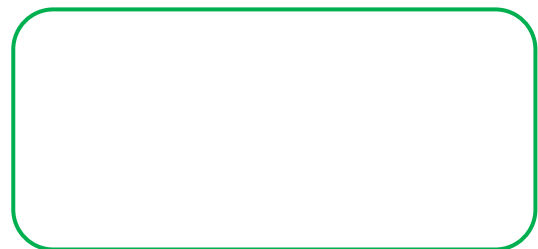
▲ ▲	Double	
▼ ▲	Double	
■	Double	
● ● ● ●	Double	
✦ ✦ ✦	Double	
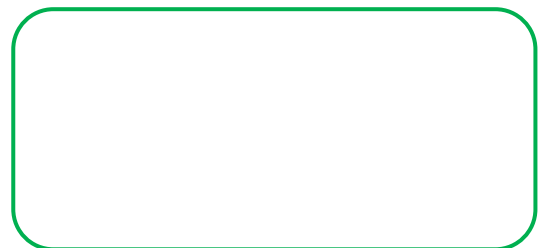
Lots more practice sheets in the resource browser under Year 1: Doubling and halving
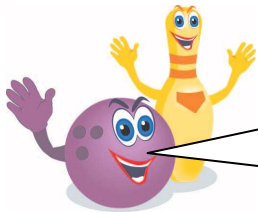
How many skittles are standing?
How many skittles have fallen down?
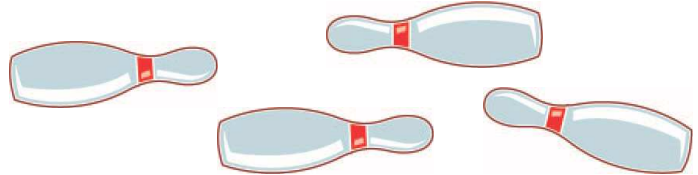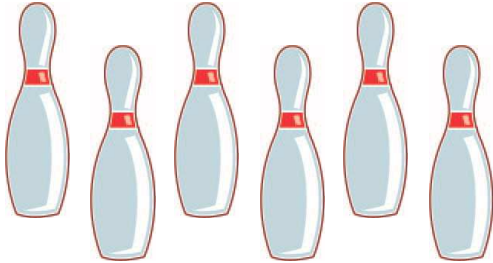
How many standing? [ ]   How many fallen? [ ]
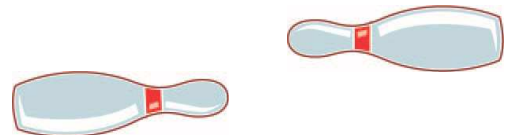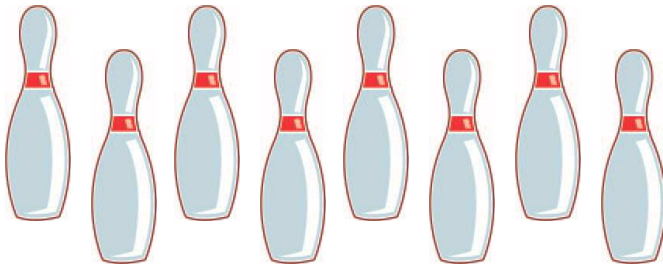
How many standing? [ ]   How many fallen? [ ]
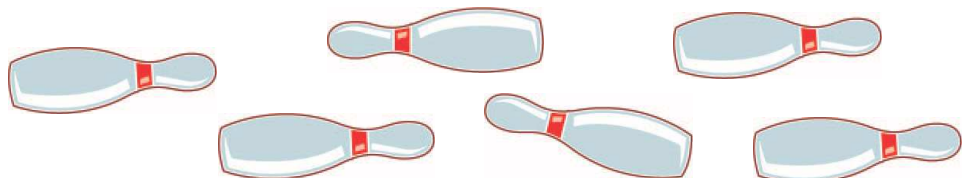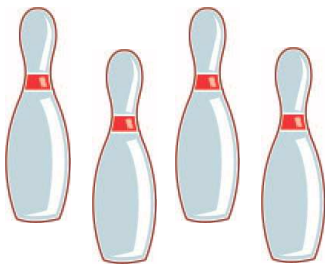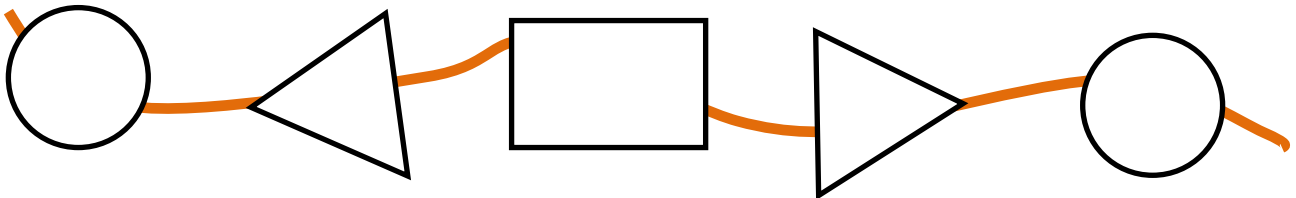
How many standing? [ ]   How many fallen? [ ]
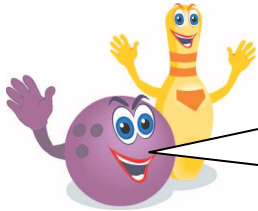
How many skittles are standing?
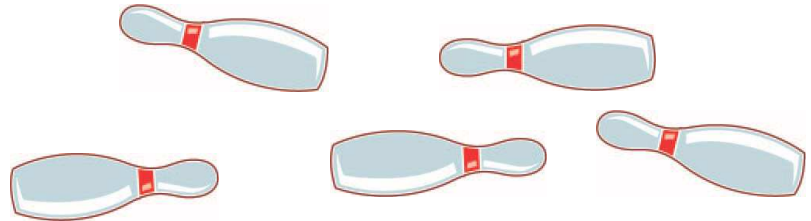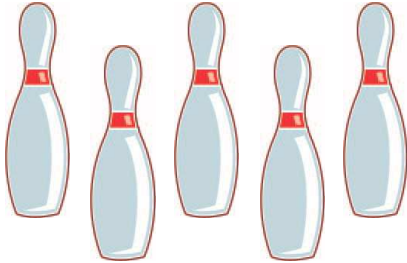
How many skittles have fallen down?

How many standing? ☐
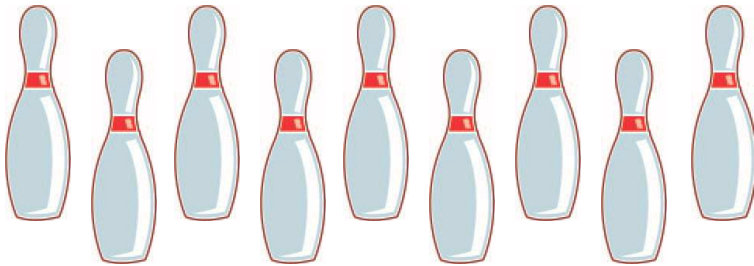
How many fallen? ☐

How many standing? ☐
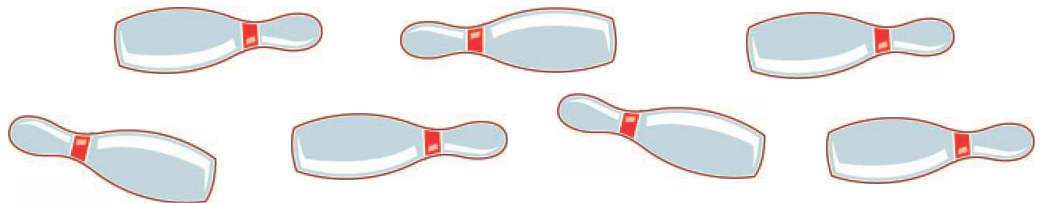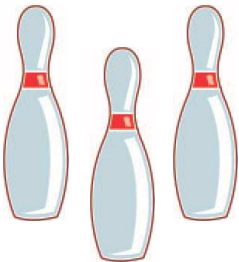
How many fallen? ☐

How many standing? ☐

How many fallen? ☐

Rectangle

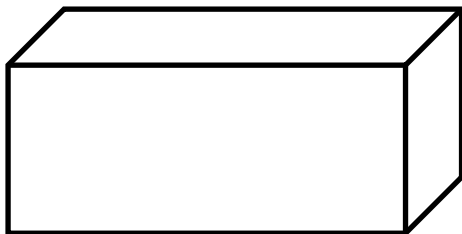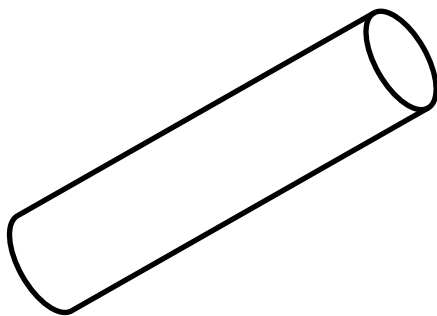Triangle
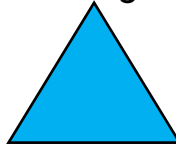
Circle
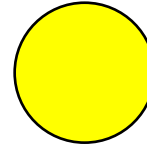
Colour the shapes on the string to match the shapes above.
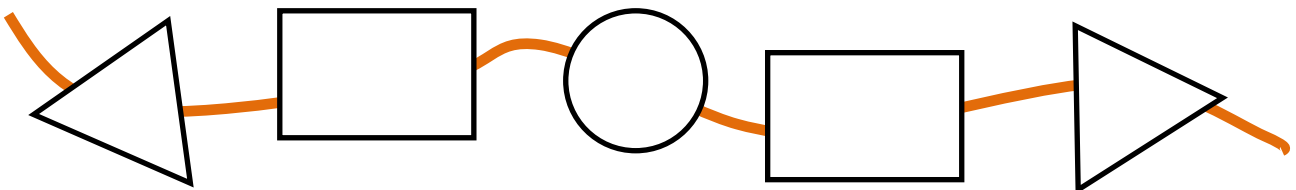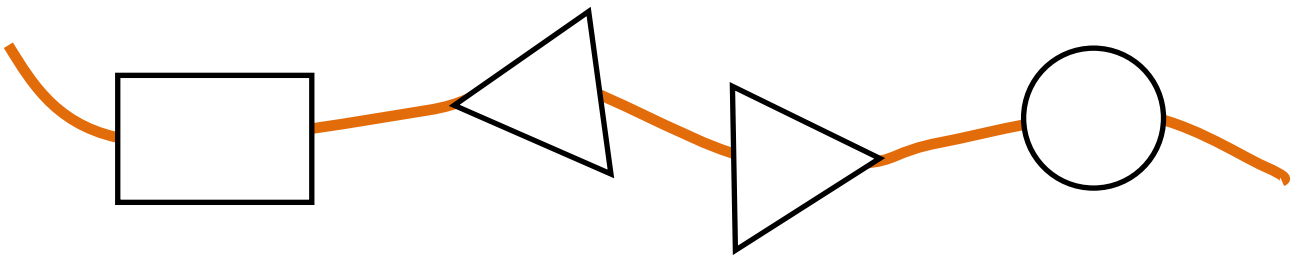
Names of 3D shapes
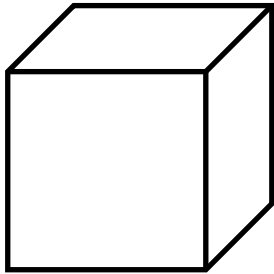
cube

cuboid

cylinder
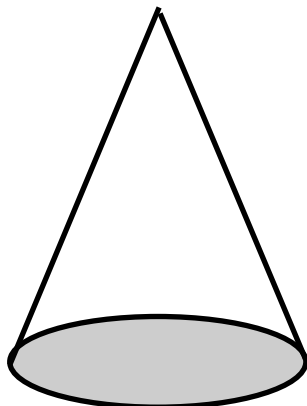
cone

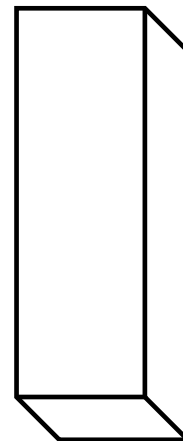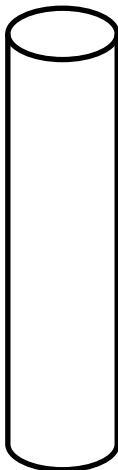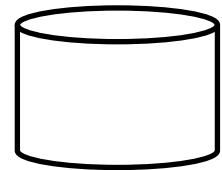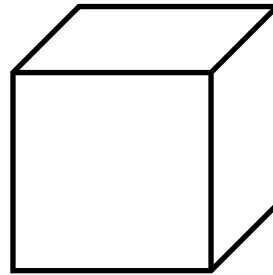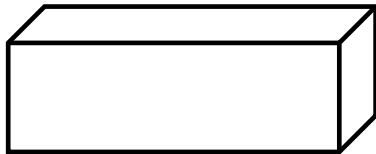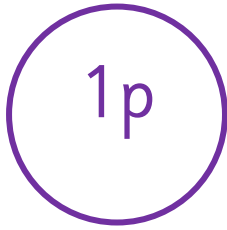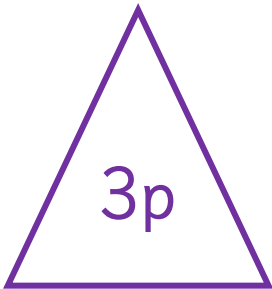Which of these shapes are **cylinders**?

Colour cylinders red.   Colour all other shapes blue.
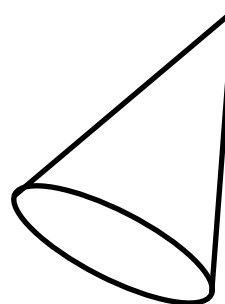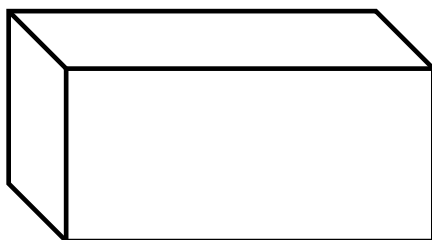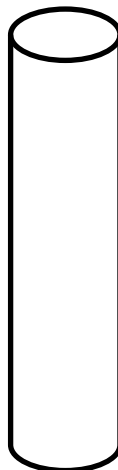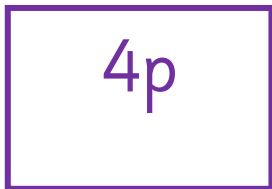
Challenge: Shape shop

1p

Circles cost 1p because they have one side.

3p

Triangles cost 3p because they have three sides.

4p

Rectangles cost 4p because they have four sides.

What shapes can you buy for 10p?

How many ways can you spend 10p?

I bought two triangles and a rectangle.

3p + 3p + 4p = 10p

Answers
Brain training Mental Activities

Set 1:

1. 18   2. 20   3. 8   4. 16   5. 18
6. 6   7. 4   8. 30   9. 50   10. 8

Set 2:
1. 15   2. 19   3. 10   4. 17   5. 12
6. 6   7. 5   8. 20   9. 40   10. 8

Set 3:
1. 3   2. 4   3. 2p   4. 30   5. 10
6. square, rectangle or quadrilateral
7. 5p   8. 8   9. 10   10. 70

Set 4:
1. 7   2. 9   3. 6p   4. 40   5. 9
6. triangle   7. 3p   8. 6   9. 2   10. 60

Printouts

Page 8: Count on

15   16   17   18   19   20

Page 9: Double
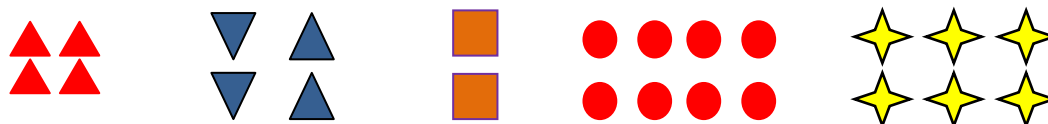
Page 10 Skittles

6 and 4   8 and 2   4 and 6

Page 11 Skittles

5 and 5   9 and 1   3 and 7