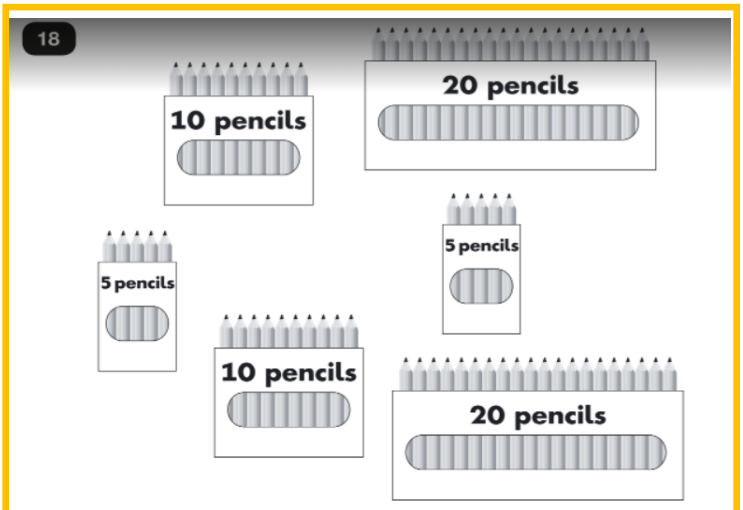
Tuesday 3rd May 2022

MPI: solving reasoning questions based on multiplication and division.

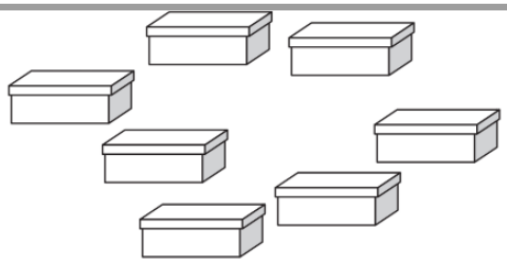
18



Kemi and Ben share these pencils equally.

How many pencils do they each get?

pencils



Sita puts **2** shoes in each of these boxes.

How many shoes are there altogether?

shoes

Ajay has **20p** in 2p coins.

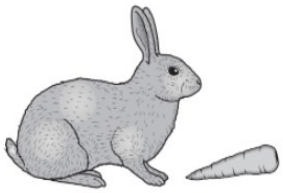
How many 2p coins does Ajay have?

coins

22 Amy plants **4** rows of carrots.

There are **3** carrots in each row.

A rabbit eats **2** of the carrots.



How many carrots are left?

Show your working

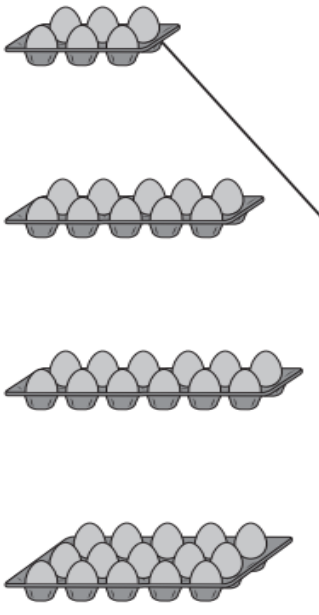
carrots

Complete the number sentence below.

$$3 \times 8 = 2 \times \square$$

9 Match each egg box to the correct multiplication.

One is done for you.



6 × 2

5 × 3

3 × 2

5 × 2

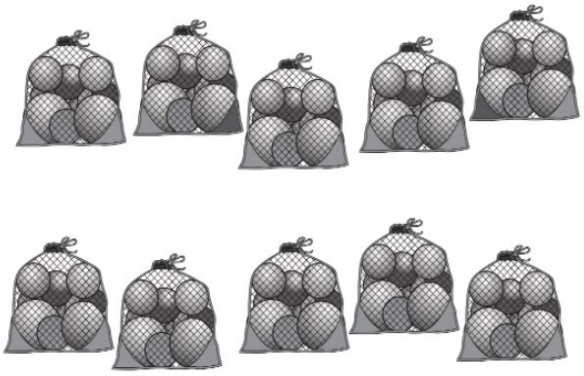
Wednesday 4th May 2022

MPI: solving reasoning questions based multiplication and division.

27 Ben has 4 boxes of eggs.

Write a number sentence using × and = to show that Ben has **24** eggs altogether.

10 Sita puts **10** balls in each bag.



How many balls are in the bags **altogether**?

balls

Ajay has **30** pencils.

He shares them equally between **3** pots.

Complete the number sentence to show how Ajay shares the pencils.

□ ÷ □ = □

Ben has **five** marbles.

Kemi has **seven times** that number.

How many marbles does Kemi have?

marbles

A shop has 12 bags of crisps.

It sells $\frac{1}{4}$ of the bags.

How many bags of crisps did the shop **sell**?

bags

17. A shop sells bags of tennis balls in packs of 5.

In a week the shop sells 35 balls.

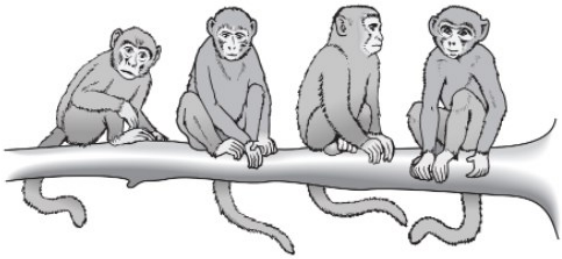
How many packs of tennis balls are sold?

Thursday 5th May 2022

MPI: solving reasoning questions based multiplication and division.

20 bananas are shared equally among **4** monkeys.

How many bananas does **each** monkey get?



bananas

Ajay, Sam and Kemi have 4 conkers each.

How many conkers do they have **altogether**?

conkers

A shopkeeper has **20** fish and **5** fish bowls.

He puts the same number of fish in each bowl.

How many fish go in each bowl?

fish

5 40 8

Use only these numbers to make a **different** number sentence each time.

One is done for you.

5 × 8 = 40

□ × □ = □

□ ÷ □ = □

15

A classroom has **6** tables.

Each table has **5** children sitting at it.

Complete the number sentence to show how many children there are **altogether**.

□ × □ = children

Friday 6th May 2022

MPI: solving measure equations

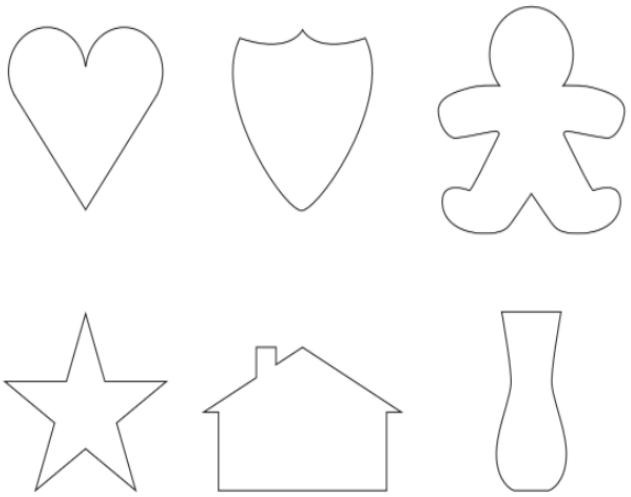
Kemi goes to four clubs each week.

Which club lasts the **longest**?

Circle it.

Swimming 45 minutes	**Art** 2 hours
Music 75 minutes	**Drama** 1 hour

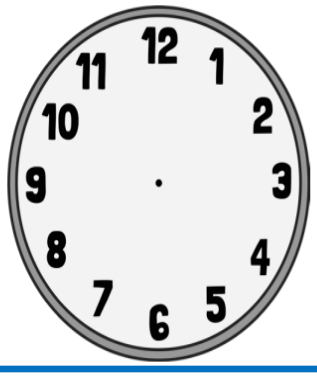
17 Tick the shape that does **not** have a line of symmetry.



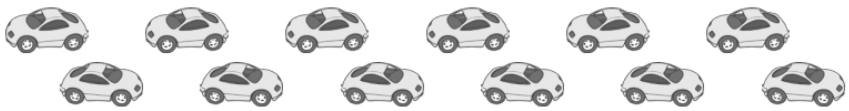
Here is part of a number line.

Write the correct number in the box.

14. Draw hands on this clock to show the time half past two.

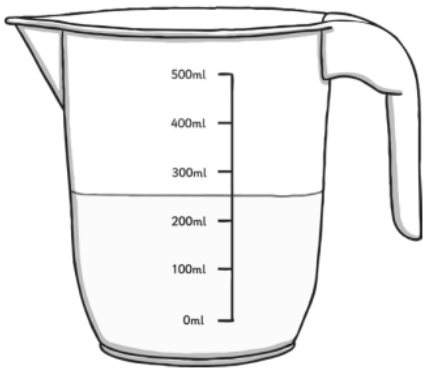


10. Here are 12 toy cars. Asjal takes $\frac{3}{4}$ of the cars to play with at his friend's house.



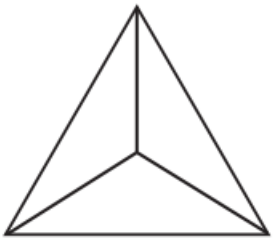
How many cars does Asjal take to his friend's house?

11. There is milk in this jug.



How much milk is in the jug?

17. Here is a triangle. Shade $\frac{1}{3}$ of the triangle.

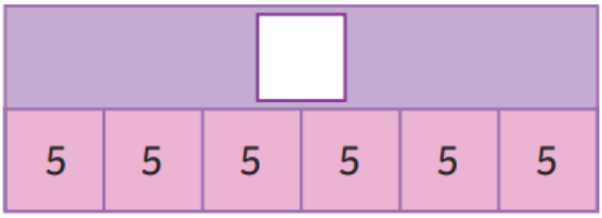


Tuesday 3rd May 2022

MPI: solving reasoning questions based on multiplication and division.

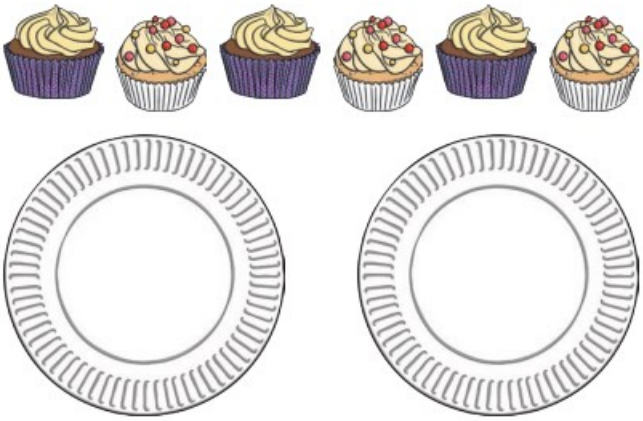
How many groups of 2 can you make?

Complete the bar model.

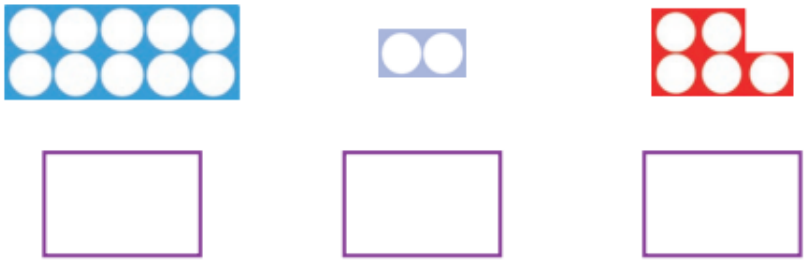


There are 3 boxes and in each box there are 10 baubles. How many baubles are there altogether?

Draw and share the 6 cakes equally between the 2 plates.



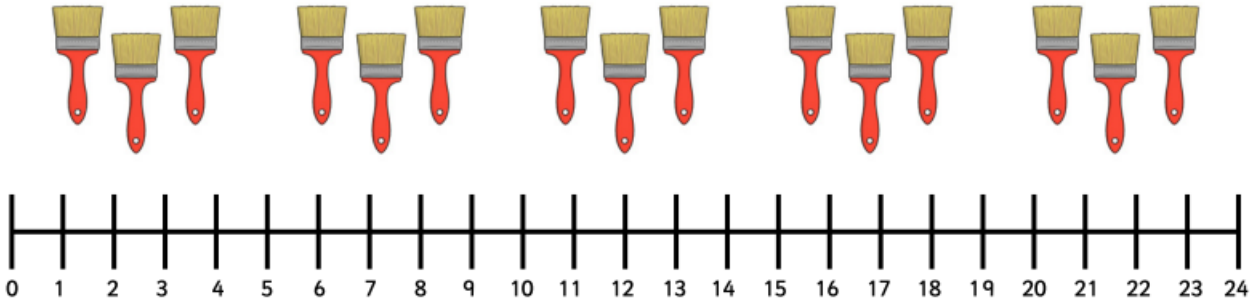
). Double the numbers.



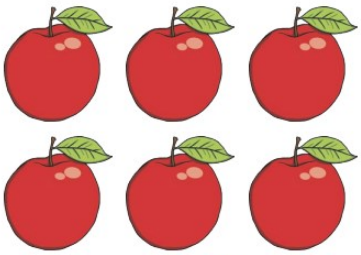
Wednesday 4th May 2022

MPI: solving reasoning questions based multiplication and division.

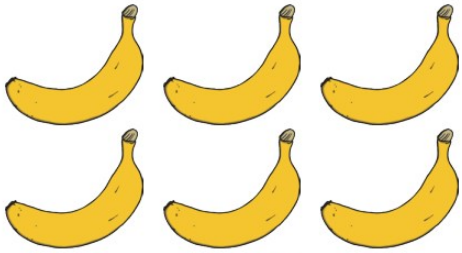
2. Can you draw jumps of 3 on the number line for the following?



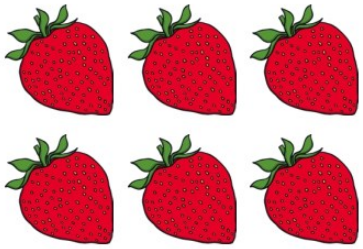
Can you put a circle round the right amount of things to make each group?



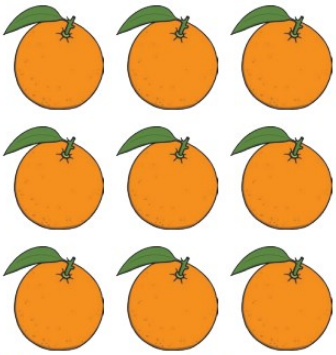
Make a group of 3 apples.



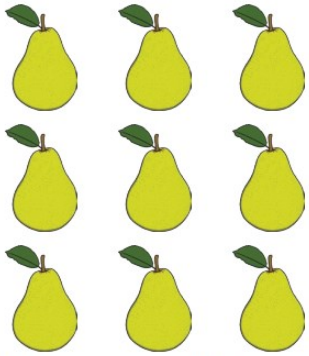
Make a group of 4 bananas.



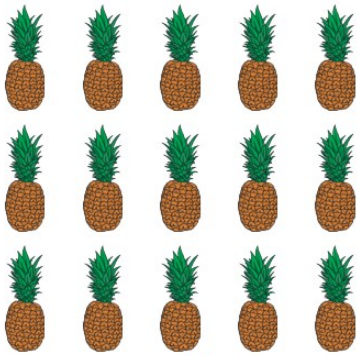
Make a group of 5 strawberries.



Make a group of 6 oranges.



Make a group of 7 pears.



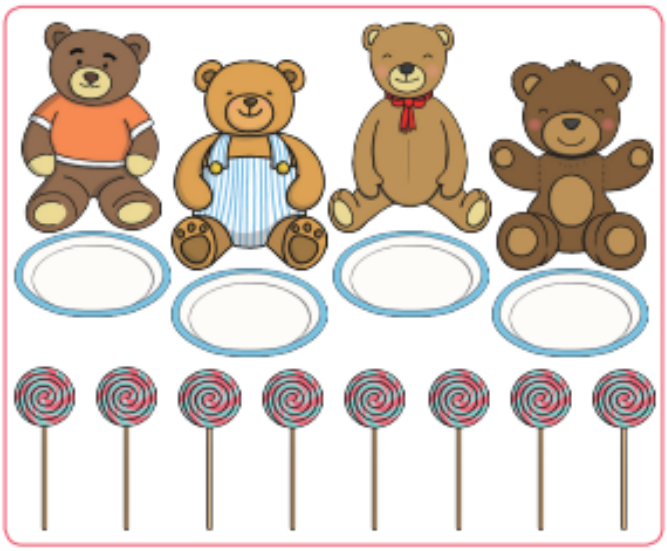
Make a group of 8 pineapples.

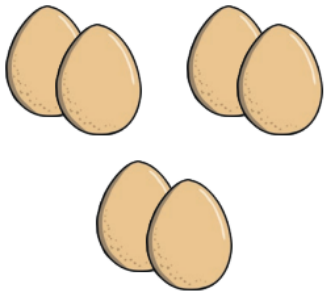
Use a ruler to draw a line that is 6cm long.

Thursday 5th May 2022

MPI: solving reasoning questions based multiplication and division.

The teddy bears are having a picnic. Can you help them share their food so they have the **same** amount each?





There are ◯ altogether.

There are ◯ groups.

There are ◯ in each group.

◯ ÷ ◯ = ◯

◯ × ◯ = ◯

There are ◯ altogether.

There are ◯ groups.

There are ◯ in each group.

◯ ÷ ◯ = ◯

◯ × ◯ = ◯

There are ◯ altogether.

There are ◯ groups.

There are ◯ in each group.

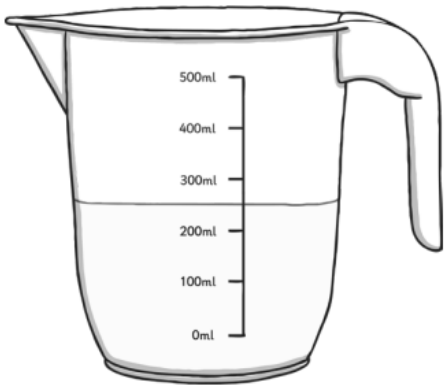
◯ ÷ ◯ = ◯

◯ × ◯ = ◯

Friday 6th May 2022

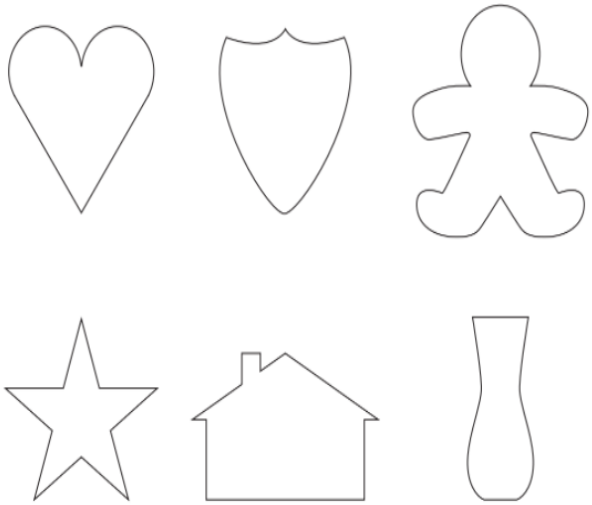
MPI: solving measure equations

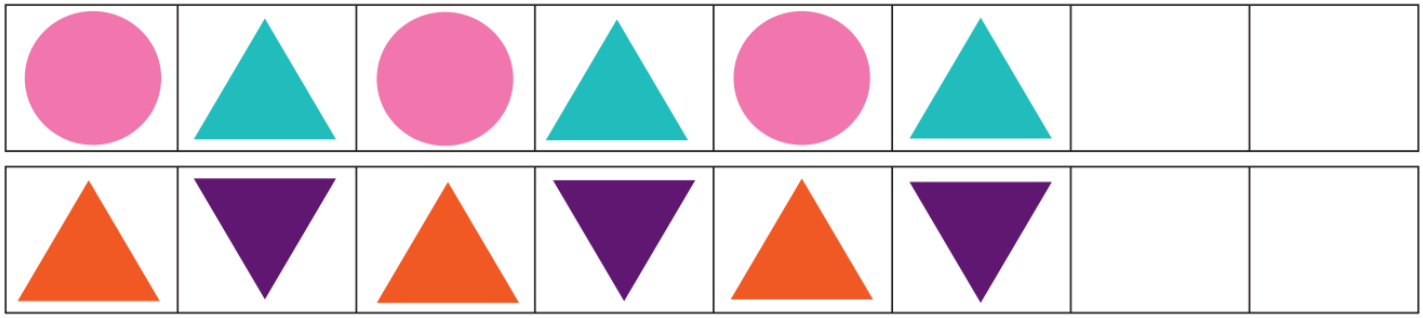
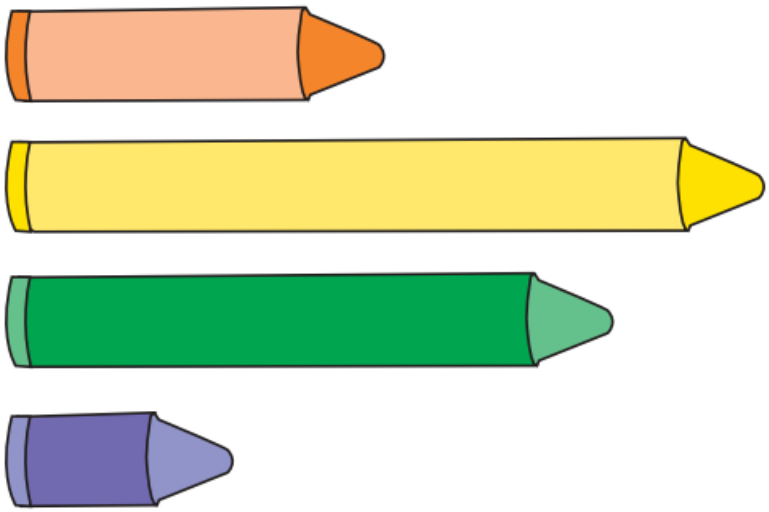
11. There is milk in this jug.



How much milk is in the jug?

17 Tick the shape that does **not** have a line of symmetry.





Measure the pencils using a ruler