

Are you as smart as a Year 6?

Try some of these Year 6 standard questions.

MATHS

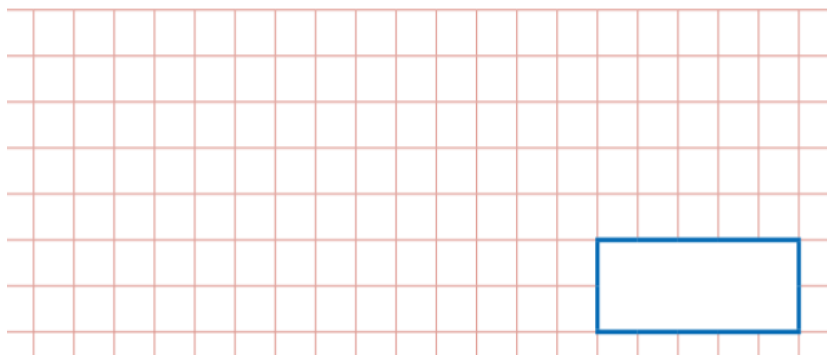
$$5.87 + 3.123 =$$

$$60 \div (30 - 24) =$$

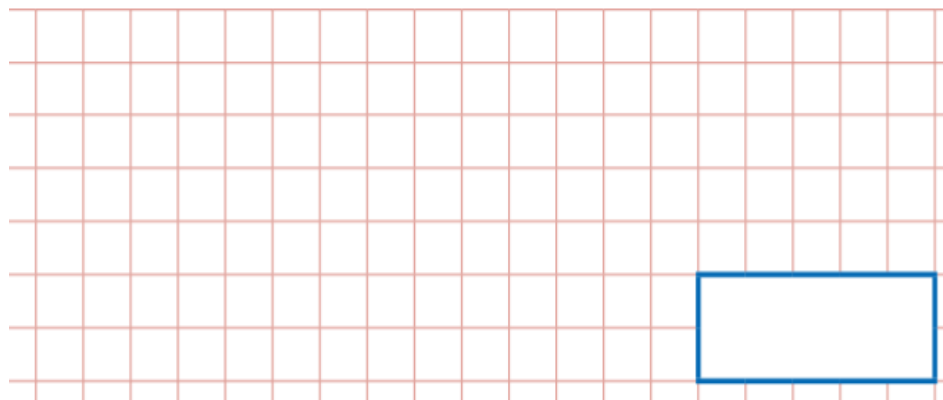
$$\begin{array}{r} 8\,3\,6 \\ \times 2\,7 \\ \hline \end{array}$$

$$1\frac{1}{5} + 2\frac{1}{10} =$$

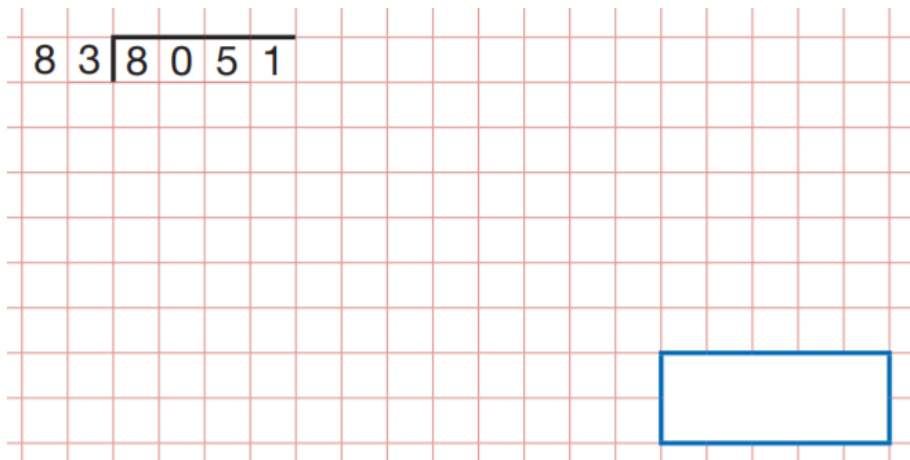
35% of 320 =



$$\frac{2}{3} \div 3 =$$



83 | 8051



$$\frac{8}{9} - \frac{1}{4} =$$



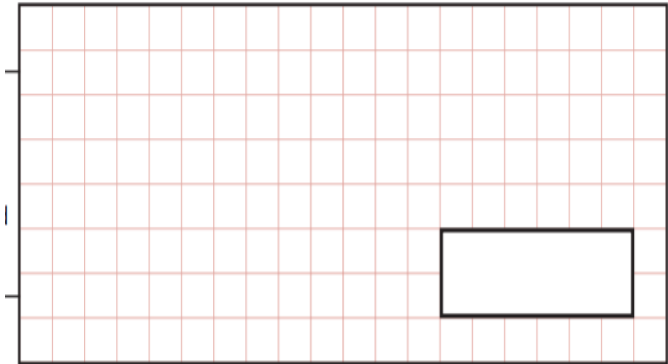
Jack chose a number.

He multiplied the number by 7

Then he added 85

His answer was 953

What number did Jack choose?



Amina asked 60 children to choose their favourite flavour of jelly.

These were her results.

Flavour	Number of children
Raspberry	12
Lemon	8
Orange	15
Blackcurrant	25
Total	60

What **percentage** of the 60 children chose orange?

%

These two shapes have the **same** perimeter.

regular hexagon



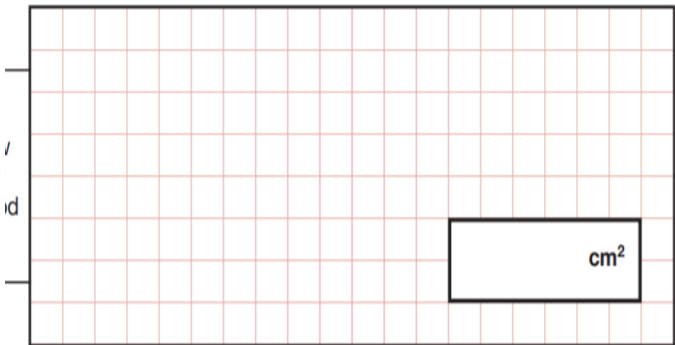
square



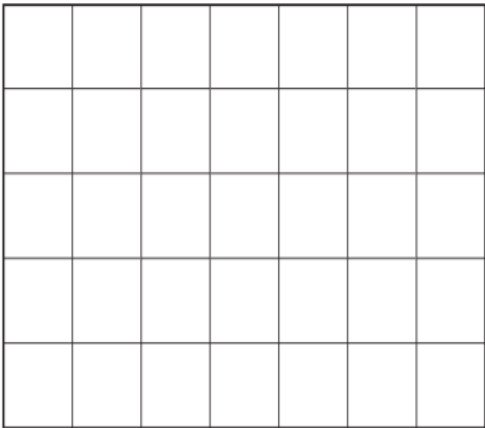
Not actual size

The length of each side of the **hexagon** is **8** centimetres.

Calculate the **area** of the **square**.



Adam has this rectangular piece of card. It is marked with grid lines.



Adam makes two straight cuts along the grid lines.

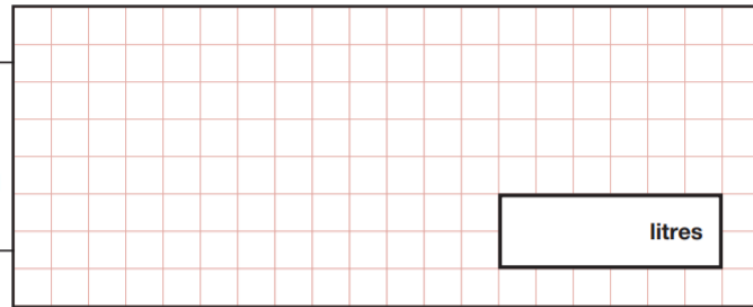
The two cuts divide the rectangle into 3 shapes:

- 2 squares of **different** size, and
- 1 rectangle.

Using the grid lines, draw **two** lines that show where Adam could have made his cuts.

A machine pours 250 millilitres of juice every 4 seconds.

How many **litres** of juice does the machine pour every **minute**?



$$x + 2y = 20$$

x and y are whole numbers **less than 10**

What could x and y be?

$x =$

$y =$

GRAMMAR & PUNCTUATION

In which sentence is lock a **verb**?

Tick **one**.

Aisha closed the box and fastened the lock.

☐

Make sure you lock the gate before you leave.

☐

I think I need to buy a new bike lock.

☐

The lock can only be opened with this special key.

☐

Circle two words in the passage below that are **synonyms** of each other.

Having queued for over an hour, Sanjit found that his tolerance was being severely tested. Most of the other children had lost patience and gone elsewhere.

Insert a **colon** in the correct place in the sentence below.

Joshua had mastered two new skateboarding skills he could do a perfect aerial jump and execute a complete 180 degree turn.

Which underlined word is an **adverb**?

Tick **one**.

The spring garden looks lovely.

☐

My little sister has a wobbly tooth.

☐

The clothes are folded neatly.

☐

Her brown hair is long and curly.

☐

What kind of **clause** is underlined in the sentence below?

If they could afford to, the ancient Romans ate well.

Complete the sentence below with a **relative clause**. Remember to punctuate your answer correctly.

His sister, _____, is learning to speak Polish.

Circle the **modal verb** in the sentence below.

Kate hoped that she would see goats and sheep at the farm.

Circle the three **nouns** in the sentence below.

The fire gave the room a cosy feeling.

Circle the three **determiners** in the sentence below.

William didn't have any cereal in the house, so he went out to buy some cornflakes.

Circle the **co-ordinating conjunction** in the sentence below.

If you want to enter the competition, you can send your idea by email or by post.

Which sentence uses **tense** correctly?

Tick **one**.

We sat and ate our lunch once we had found a sunny picnic spot.

☐

Once we find a sunny picnic spot, we sat and ate our lunch.

☐

Once we had found a sunny picnic spot, we sit and eat our lunch.

☐

We sat and eat our lunch once we had found a sunny picnic spot.

☐

What is the **word class** of the underlined word?

Our school is bigger than theirs.

Tick **one**.

a co-ordinating conjunction

☐

a subordinating conjunction

☐

a possessive pronoun

☐

a relative pronoun

☐