

Q1

Work out the number that should go in the box to complete the sum.

$$8000 + \boxed{} + 5 = 8065$$

Q2

Write down the number **two million and thirty** in figures.

Answer:

Q3

Using these cards, what is the **closest number** to 320 that you can make?
You must use **all** the cards and use each card **only** once.



Answer:

Q4

Arrange all three number cards below to create the largest **even** three-digit number.



Answer:

Q1

Put the number cards shown below in the gaps to make the **lowest** number possible. Use each card once.



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Q2

Put the number cards shown below in the gaps to make the lowest number possible. The decimal point should have numbers on both sides, and each card should be used only once.



-

Q3

Using each of the cards below only once, what is the closest number to -64.28 that you can make?



-

Q4

Ethan is thinking of a negative number that is lower than -4 and higher than -10. His number is odd and a multiple of 3. What number is he thinking of?

Answer:

Q1

A school raises £1876
The local newspaper writes that they raised £1900
Complete the sentence shown below.

The newspaper has rounded to the nearest

Q2

Tim thinks of a whole number.
Rounded to the nearest 10, his number is 20
List all the possible numbers Tim could be thinking of.

Answer:

Q3

A piece of string is 14 cm long, to the nearest centimetre.
What is the **smallest** possible length of the piece of string?

Answer:

cm

Q4

The number of people in a stadium is 47,000 when rounded to the nearest 1000 people.

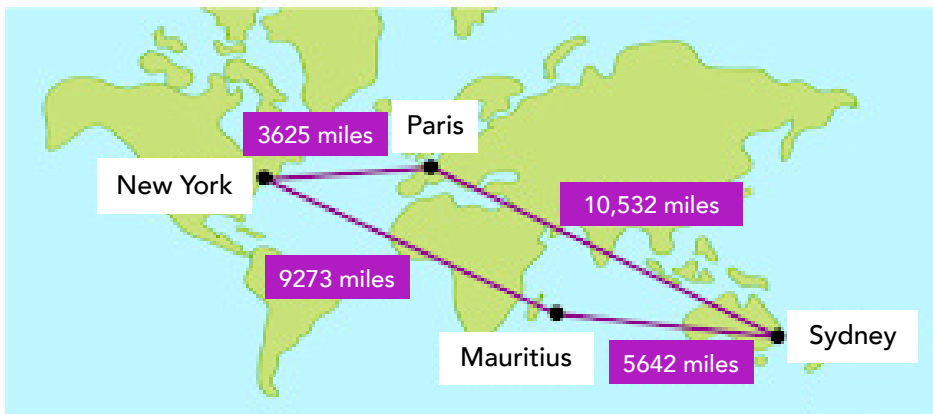
What is the minimum number of people that could be in the stadium?

Answer:

Q1 Fill in the gaps below to complete the calculation.

$$\begin{array}{r}
 62\ \square \\
 + 1\ \square 9 \\
 \hline
 \square 82 \\
 \hline
 1
 \end{array}$$

Q2 In one week, a pilot flew from Paris to Sydney, from Sydney to Mauritius, from Mauritius to New York, then back to Paris from New York. How many miles did he fly in total?



Answer:

Q3 Add together the four numbers below.

27.49, 38, 9.78, 6.8

Answer:

Q1

Add 238 to 567, then subtract 132
What is the answer?

Answer:

Q2

Grace is 1.45 m tall.
Jackson is 0.2 m shorter than Grace.
How tall is Jackson?

Answer:

 m

Q3

Fill in the gap below to complete the calculation.

$$\begin{array}{r} 7 \quad 5 \quad 8 \\ - 5 \quad \square \quad 3 \\ \hline 1 \quad 8 \quad 5 \\ \hline \end{array}$$

Q4

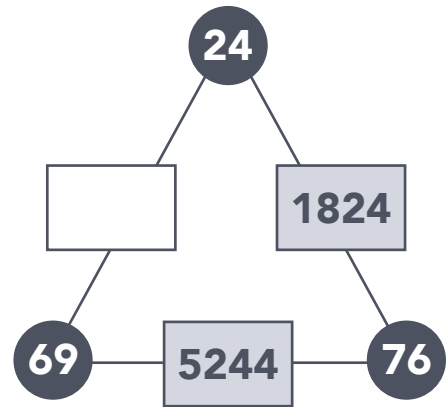
Jack has 14.4 m of rope.
Amy cuts off 2.68 m.
How much rope is Jack left with?

Answer:

 m

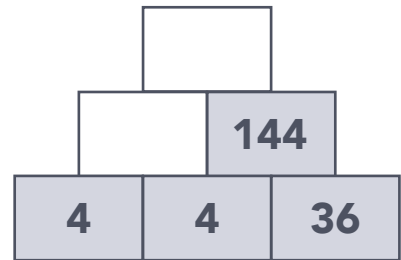
Q1

In the multiplication triangle below, the numbers in the circles multiply together to make the number in the rectangle in between. Fill in the gap.



Q2

In the number pyramid below, each number is calculated by multiplying the two numbers below it. Find the missing numbers in the number pyramid.



Q3

A plane ticket to Vienna costs £194. This table shows the number of plane tickets to Vienna sold each day last week. How much money was spent on tickets to Vienna on Tuesday?

Day	Number of tickets sold
Monday	25
Tuesday	37
Wednesday	18
Thursday	46
Friday	61
Saturday	68
Sunday	52

Answer: £

Q1

A group of 4 friends has a bag of 47 sweets.
They divide the sweets equally between them.

- a) How many sweets does each friend receive?
b) How many sweets are left over?

Answer:

a)

b)

Q2

Bruce needs 26 burgers for a barbecue.
They are sold in packs of 6
How many packs does he need to buy?

Answer:

Q3

Look at the two calculations below.
Use the top calculation to find the missing number in the calculation below it.

$$300 \div 12 = 25$$

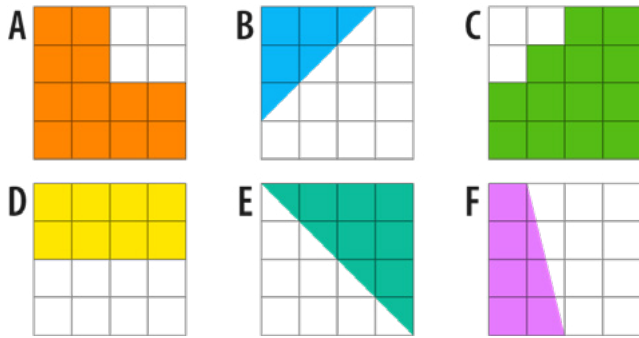
$$300 \div \square = 50$$

Q4

777 will divide by 37 with no remainder.
What is the remainder when 775 is divided by 37?

Answer:

Q1 Write down the **two** shapes are **less** than half shaded.



Answer: and

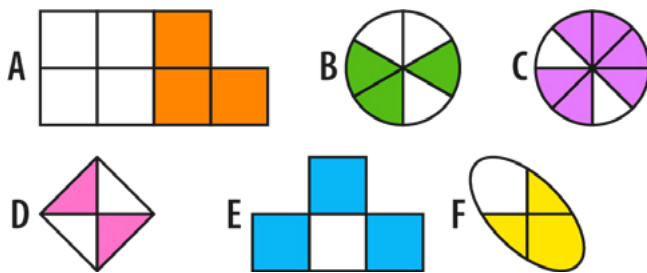
Q2 What fraction of £1 is 17p?

Answer:

Q3 What fraction of an hour is 23 minutes?

Answer:

Q4 Which **two** of the shapes below are $\frac{3}{4}$ shaded?



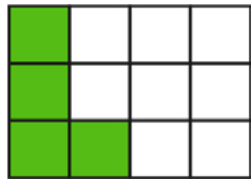
Answer: and

Q1 Hamza makes a cake and cuts it into 16 equally sized pieces.
He gives 12 pieces to Jack.

What fraction of the cake does Hamza have left?
Give your answer in its **simplest form**.

Answer:

Q2 Jan says that the same fraction of each rectangle below has been shaded.
Is Jan correct?
Write a sentence to explain your answer.



Answer:

Q3 What fraction is exactly halfway between $\frac{4}{5}$ and $\frac{14}{15}$?

Answer:

Q1 For each number, decide whether it is prime or not prime:

a) 51

b) 87

c) 59

a)

Answer:

b)

c)

Q2 What is the largest two-digit prime number?

Answer:

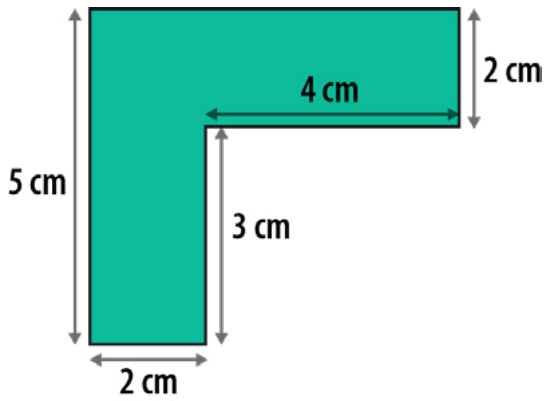
Q3 Find two primes which add to make 28

What is the difference of these two primes?

Answer:

Q1

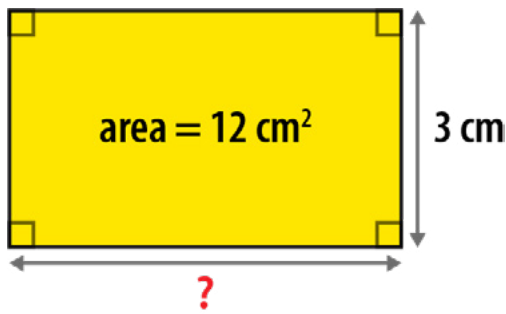
Work out the **perimeter** of this shape.



Answer: cm

Q2

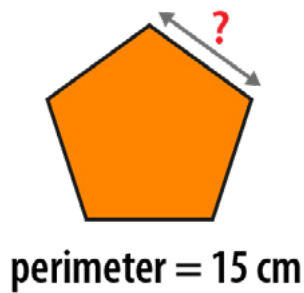
What is the length of the unknown side in this rectangle?



Answer: cm

Q3

What is the length of one side of this regular pentagon?



Answer: cm

Q4

A rectangle has an **area** of 24 cm^2 .
How long could the sides of the rectangle be?
Give three different examples.

Answer:

- Q1** Alice buys 10 identical toy boats and spends £80 in total.
How much would 7 toy boats cost?

Answer: £

- Q2** Finn is stacking identical cube-shaped boxes.
He stacks 7 boxes to make a tower that is 112cm tall.
He adds 1 more box to the tower.
How tall is the tower now?

Answer:

cm

- Q3** Mia wants to predict how many times her heart will beat in an hour.
When she is resting, her heart beats 5 times in 6 seconds.

- a) Use this information to predict the number of times her heart will beat in 1 minute.

Answer: a)

- b) Predict the number of times her heart will beat in 1 hour.

Answer: b)