

Heroes Tuition Centre - Homework

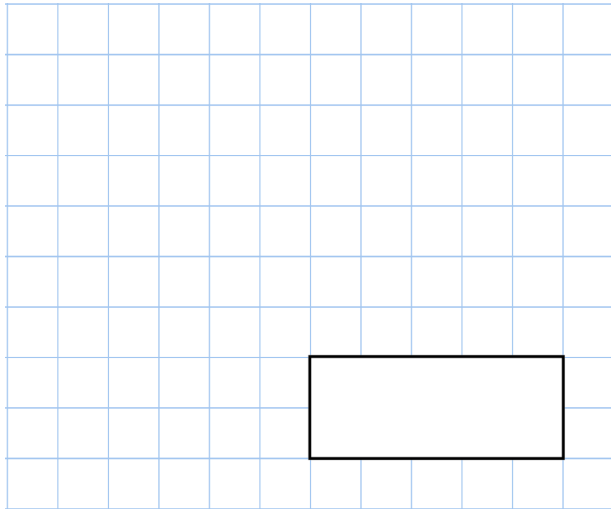
Name: _____

Bronze

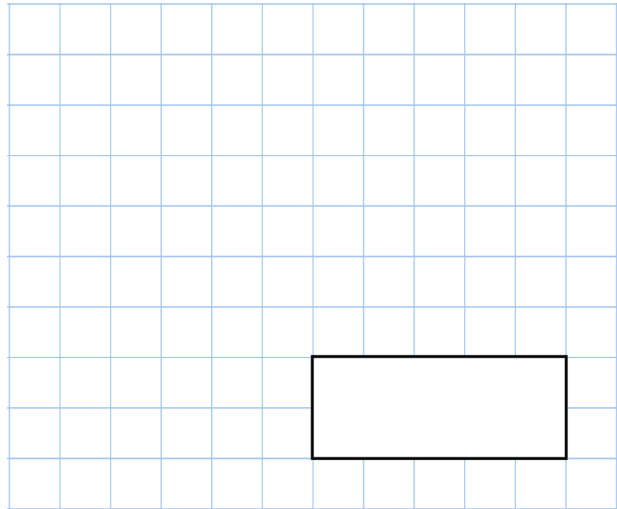


1st September

$$8 \times 4$$



$$135 - 50$$



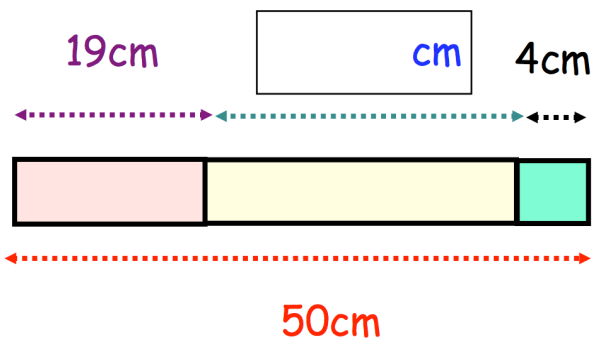
A biscuit costs 46p



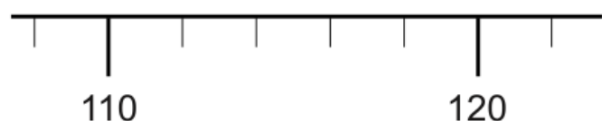
Find the cost of 4 biscuits

Catherine put a pink block, yellow block and blue block beside each other

Work out the length of the yellow block



Draw an arrow to show 112



Bronze

105 - 12

$\frac{1}{2}$ of 70

A 10x10 grid with a black rectangle in the bottom right corner. The rectangle is 4 units wide and 2 units high, spanning from the 6th column to the 10th column and from the 8th row to the 10th row.

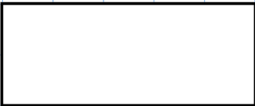
Diagram illustrating a mapping from a set of numbers to another set:

- Set 1 (Left): 17, 22, 15, 20, 30
- Set 2 (Right): 9, 11, 14, 36, 16
- Mapping: 17 is mapped to 11.

Result	Tally	Frequency
Win		
Draw		
Loss		

Complete the tally chart

Bronze

$$24 \times 3$$


	5	8
+	2	6

$$\begin{array}{r} 58 \\ + 26 \\ \hline \end{array}$$

28 31 40 44 50

Tea	£1.30
Coffee	£1.70
Hot Chocolate	£0.95

How much change does she get?

Heroes Tuition Centre - Homework

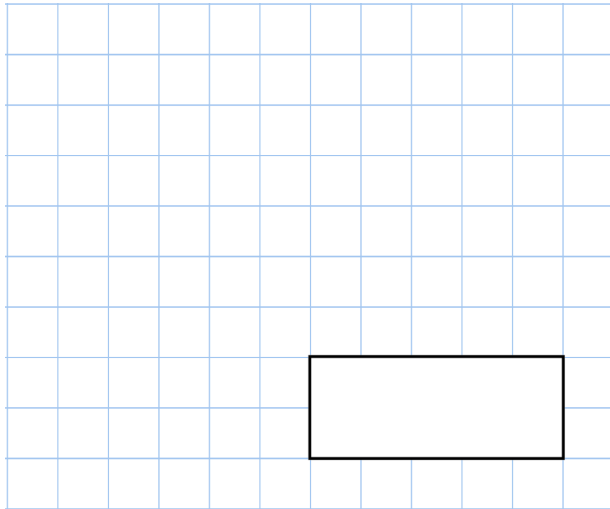
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Bronze

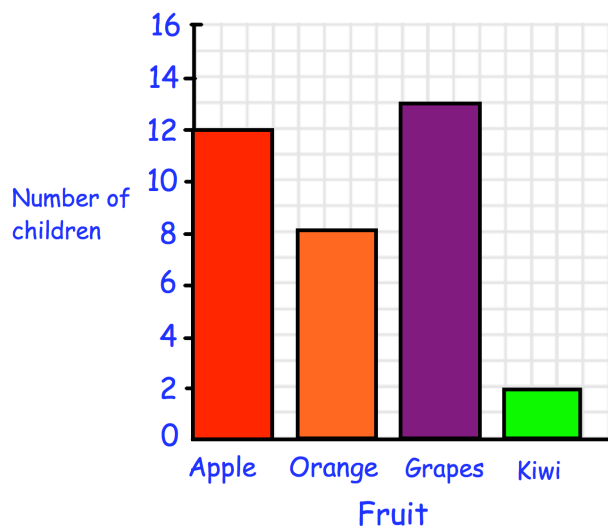
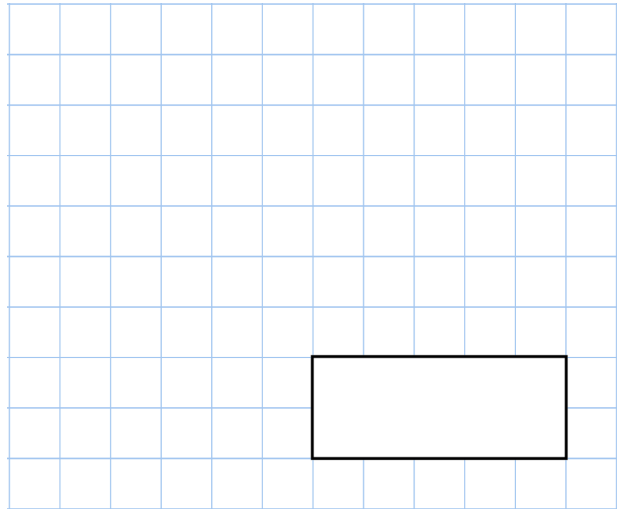


4th September

$$1,020 - 30$$



$$9 \times 4$$



How many children like kiwi?

How many children like grapes?

Robert the Roman has written down some numbers.

X V XI IV

Write the numbers in order, starting with the smallest



Bronze

$$74 + 17$$
A diagram on a grid background. The grid consists of light blue lines forming a square pattern. A rectangle with a thick black border is located in the lower right area of the grid. The rectangle is approximately 4 units wide and 2 units high.

$$46 \div 2$$

A 10x10 grid of squares. A black rectangle is drawn in the bottom right corner, spanning 4 squares horizontally and 2 squares vertically. The rectangle is located in the bottom-right quadrant of the grid, specifically covering the area from the 6th column to the 10th column and the 8th row to the 10th row.

Leo goes to school at **nine o'clock**

9:00 ☐6:30

A £245

A red bicycle with a black seat, handlebars, and wheels. It has a silver chain and a black kickstand. The bicycle is shown from a side profile, facing right.

B £249

A red bicycle with a blue seat and handlebars. It has a black frame, black wheels with white spokes, and a black kickstand. The handlebars are blue and have a yellow bell. The seat is blue. The frame has a small 'BMX' logo on the down tube.

C £235

A black and white line drawing of a bicycle, showing the frame, wheels, handlebars, seat, and pedals. It is a standard road-style bicycle.

D £209

A green bicycle with a brown basket on the handlebars containing pink and red flowers. Three balloons (red, green, and orange) are tied to the back of the bicycle.

Put these bicycles in order of price, starting with the **lowest price**

How much does she pay?

30 minutes = 60p



Bronze

$$61 + 19$$

×	3	
4	12	24
		30

	likes cheese	does not likes cheese
likes pasta		
does not likes pasta		

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Name: _____

Bronze



7th September

$$\begin{array}{r} 47 \\ + 46 \\ \hline \end{array}$$



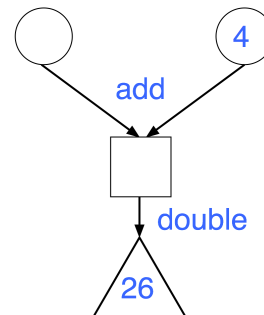
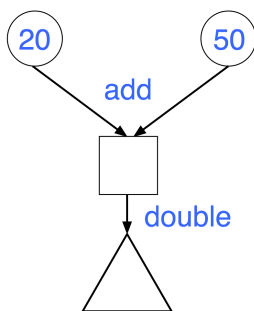
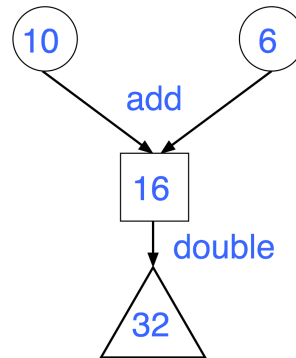
$$\begin{array}{r} 26 \\ \times 4 \\ \hline \end{array}$$



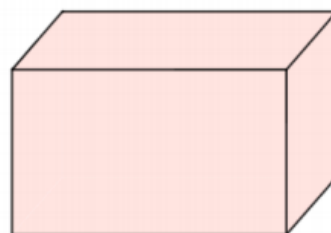
In the diagram, the numbers in the circles add together to make the number in the square.

The number in the triangle is double the number in the square

Complete the two diagrams below



Name this shape



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Name: _____

Bronze



8th September

$$20 + 70 + 50$$

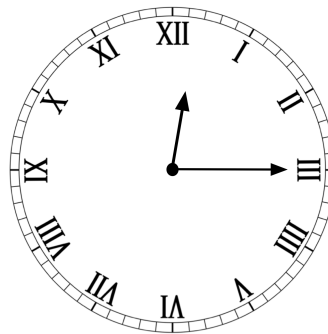
$$54 \times 3$$

1 2 3 4 5 6

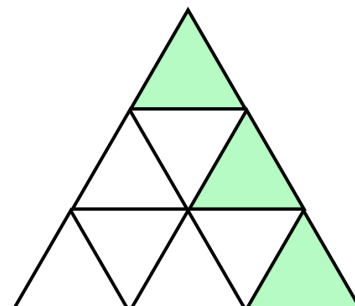
Use **four** of the cards to make this addition correct.

$$\square\square + \square\square = 50$$

What time is shown on the clock?



What fraction of the shape is shaded?



Bronze

$$2 \times 6 \times 6$$
A diagram on a grid background. The grid consists of light blue lines forming a square pattern. A rectangle with a thick black border is located in the lower right area of the grid. The rectangle is approximately 10 units wide and 5 units high. It is positioned such that its bottom-left corner is at the intersection of the 10th vertical line and the 5th horizontal line from the top-left, assuming the top-left intersection is (0,0).

$$39 \div 3$$

Which month is shown, June or July?



What day is the 15th ?

How many animals does the farmer have?



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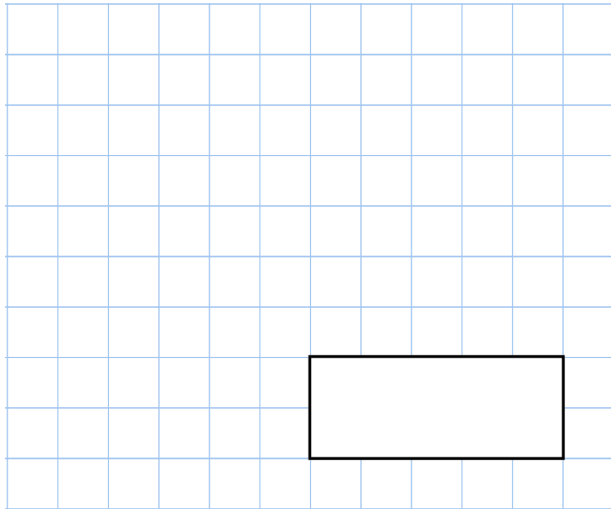
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Bronze

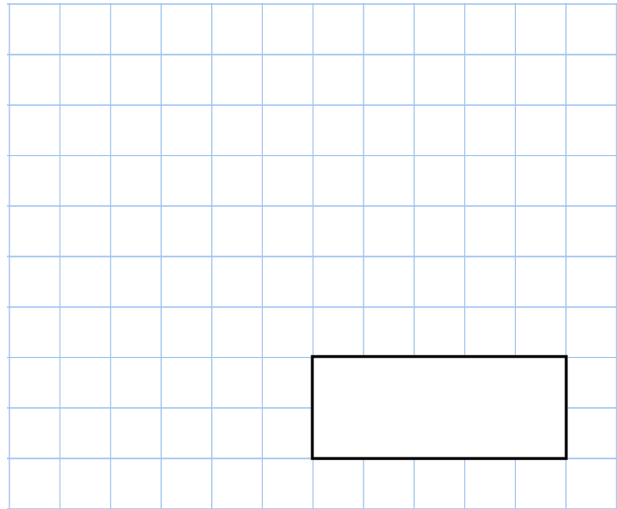


10th September

$$30 \times 30$$



$$44 + \boxed{} = 2 \times 50$$



Georgina and Emily share these coins so that Georgina has **twice as much money** as Emily

Georgina chooses her coins first.
Emily takes the rest of the coins.



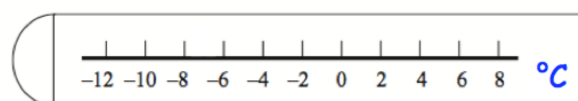
Which coins could Georgina choose?

Which coins would be left for Emily?

Shown is a thermometer

The temperature is 3°C

Show this temperature on the thermometer with an arrow



Bronze

$$600 - 180$$

$$60 \div \square = 6$$

A yellow car is positioned on a ruler. The ruler is marked in centimeters from 0 to 10. The car's front is aligned with the 2 cm mark, and its back is aligned with the 9 cm mark. The word "centimetres" is written below the ruler.

15 18 25 31 35 40

11

Bronze

$$3,000 \times 2$$

```

graph LR
    A((4)) --> B[+ 8]
    B --> C[x 3]
    C --> D(( ))
  
```

3 5 2



Bronze

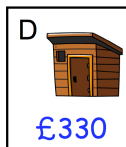
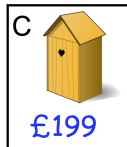
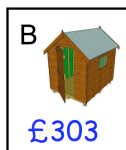
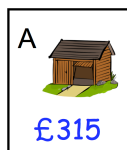
$$43 \times 2$$


$$300 - 120$$

A 10x10 grid with a black rectangle in the bottom right corner. The rectangle is 4 units wide and 2 units high, spanning from the 6th column to the 10th column and from the 8th row to the 10th row.

10 $\xrightarrow{\text{is 36 less than}}$ 46

is 36 less than 91



Put the prices of these sheds in order, starting with the highest.

Coffee £1.60

Tea £1.00

Score £2.00

Biscuit £0.80

Grace buys a **coffee** and a **scone**.
She pays £5

How much change does she get?

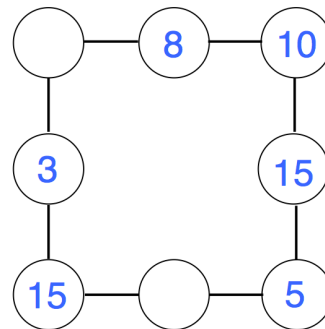
Bronze

$$15 \times 0$$


$$100 - 41 = 30 +$$

A 10x10 grid with a black rectangle in the bottom right corner. The rectangle is 4 units wide and 2 units high, spanning from the 6th column to the 10th column and from the 8th row to the 10th row.

Write in the missing numbers.



Shape	Tally
Circle	
Pentagon	
Square	
Triangle	

How much money should Dennis give Michael so that they have the same amount?

Heroes Tuition Centre - Homework

Name: _____

Bronze



15th September

$$4 \times 6$$

--

$$1,000 - 20$$

--

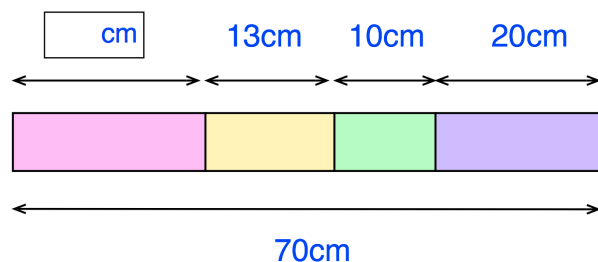
City	9am	3pm
Cardiff	6°C	19°C
Newport	5°C	21°C
Swansea	4°C	22°C
Bangor	5°C	18°C

Which city had the warmest temperature at 3pm?

Which city had the coldest temperature at 3pm?

Which two cities had the same temperature at 9am?

Find the length of the pink block



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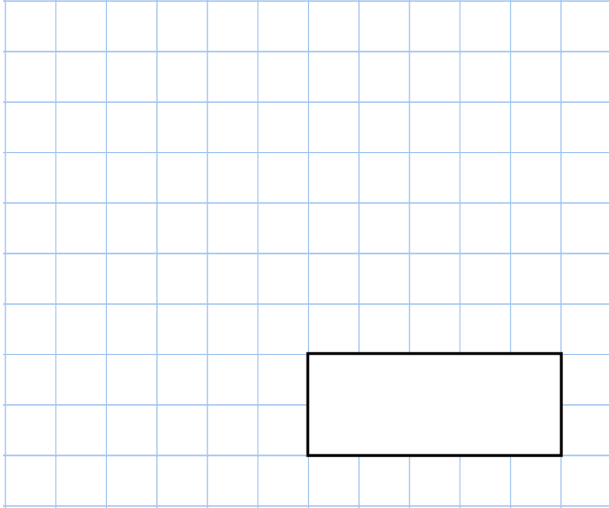
Name: _____

Bronze

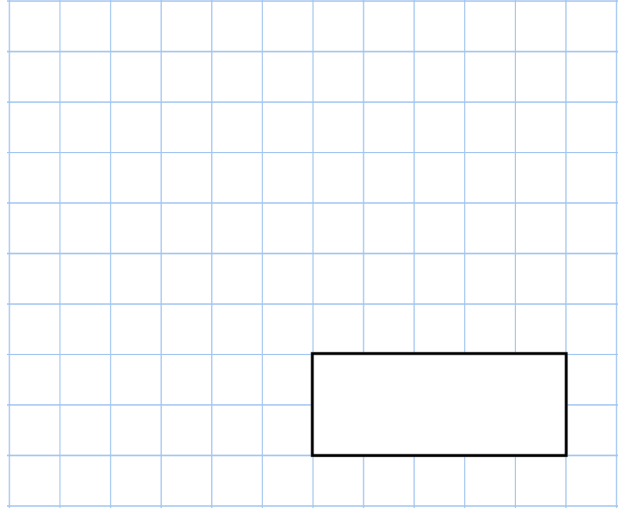


16th September

$$77 + 33$$



$$16 \times 4$$



Circle the shape shown

Circle Pentagon

Rectangle Square



Helen and Thomas have 260 marbles.

They share the marbles equally.

How many marbles does Helen get?

In this magic square, all rows, columns and diagonals add up to 15.

Find the missing numbers

2	7	6
9		1
4		

Bronze



17th September

$$36 \div 4$$

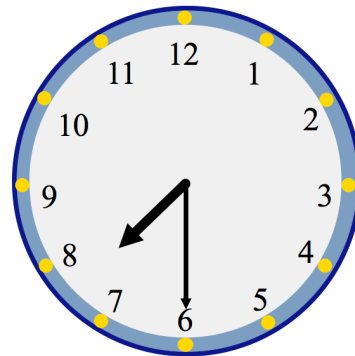
$$1,000 - 400$$

A coat normally costs £145

In a sale, the price of the coat is reduced by £8.

How much does the coat now cost?

What time is shown on the clock?



Circle the number that is **10 times** greater than 80

90 70 8 800

Heroes Tuition Centre - Homework

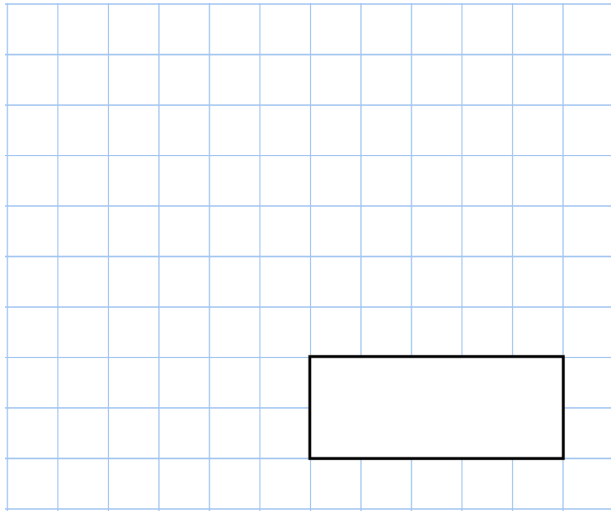
Name: _____

Bronze

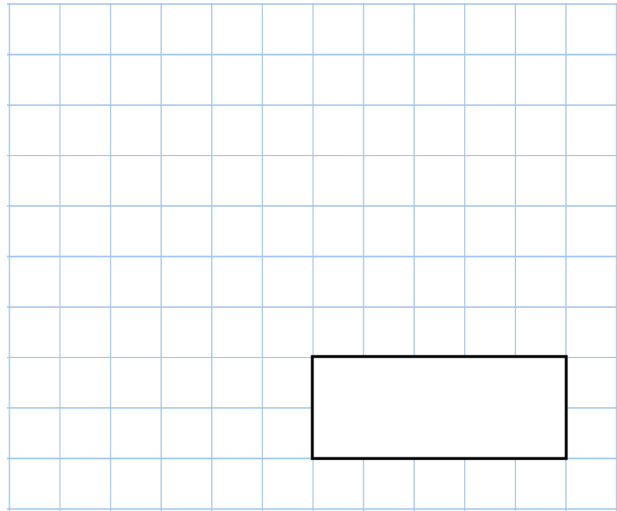


18th September

$$20 \times 20$$



$$62 + 29$$



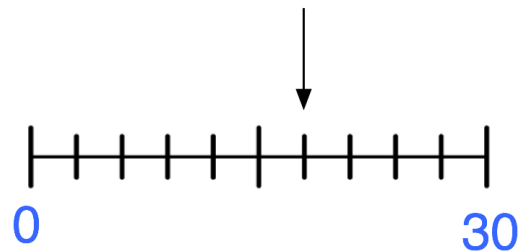
Jonathan has £3

He buys 3 packets of crisps costing 70p each

How much money does he have left?



What number is the arrow pointing to?



Write the missing numbers to make this multiplication grid correct

×		
	50	
6	30	42

Heroes Tuition Centre - Homework

Name: _____

Bronze



19th September

$$35 - 8$$

A 10x10 grid with a rectangular box at the bottom right, spanning 4 columns and 2 rows, intended for the student to show their work for the subtraction problem.

$$20 \times 30$$

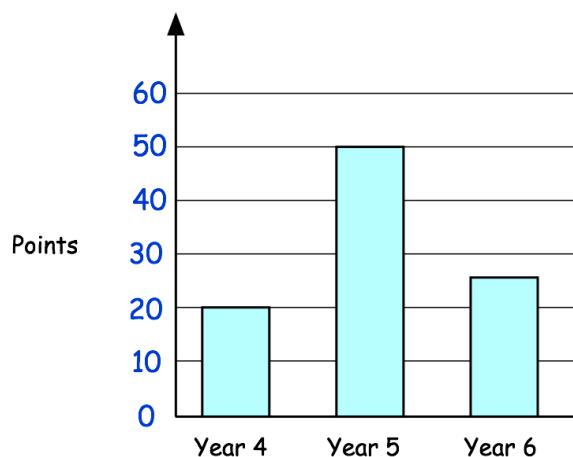
A 10x10 grid with a rectangular box at the bottom right, spanning 4 columns and 2 rows, intended for the student to show their work for the multiplication problem.

Claudia saves £3 every day during July

How much money does she save?

A school runs a competition for years 4, 5 and 6.

The bar chart shows the number of points they have scored.



How many points have Year 6 scored?

Liam says that Year 5 have more points than Years 4 and 6 combined.

Is he right?

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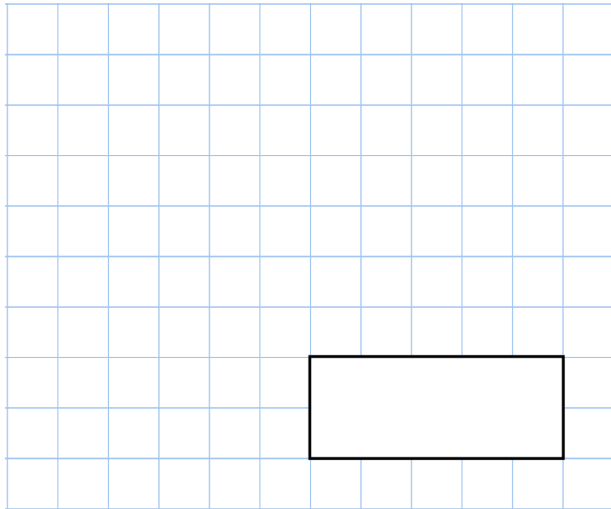
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Bronze

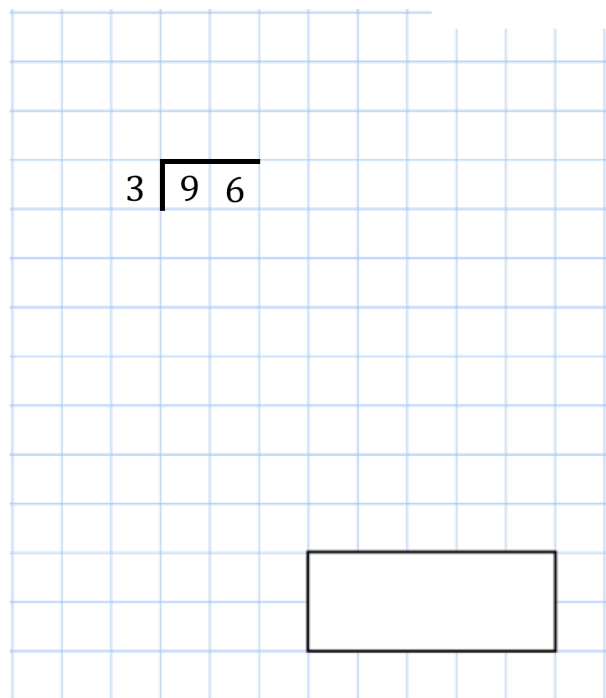


20th September

$$1,000 - 30$$



$$3 \overline{) 96}$$



Circle the **even** numbers

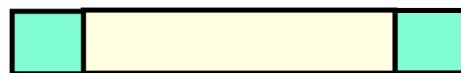


A yellow block and two green blocks are placed in a row.

The two green blocks are the same size.

Find the length of the yellow block

7cm



40cm

Emma has a bag of 20p coins and Daisy has a bag of 50p coins.
Both bags have the same amount of money inside.
There are **six** 50p coins in Daisy's bag.

How many 20p coins are there in Emma's bag?



Emma



Daisy

Bronze

$$1,000 - 20$$

Kate's **new** bus fare was 67p.

Bus Fares

new fare



58p

67p

74p

90p

92p

£1.10

Simon's **old** bus fare is 92p

How much has his bus fare gone up?

A A C B B C C A B C

C C B C B C A A C B

Letter	Tally	Frequency
A		
B		
C		

Bronze

$$\begin{array}{r} 38 \\ + 35 \\ \hline \end{array}$$
$$\begin{array}{|c|c|} \hline & \\ \hline \end{array} - \begin{array}{|c|c|} \hline & \\ \hline \end{array} = 29$$

	opening times
Monday	4pm to 6pm
Tuesday	closed
Wednesday	9am to 6pm
Thursday	7am to 10am
Friday	9am to 11am
Saturday	8am to 11am
Sunday	closed

How many days each week is the library open?

Bronze

$$21 \div 7$$

A horizontal ruler is shown with markings from 0 to 10 centimeters. A yellow pencil is positioned above the ruler, starting at the 2 cm mark and ending at the 5 cm mark. Two vertical dotted red lines are drawn at the 2 cm and 5 cm marks to indicate the pencil's length. The word "centimetres" is written below the ruler.

A horizontal number line with arrows at both ends. It has major tick marks every 10 units, labeled 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, and 100. Above the number line, there are three boxes. The first box is above the 60 mark and contains the number 60. The second box is above the 70 mark and is empty. The third box is above the 80 mark and contains the number 80. Arrows point from each box down to its corresponding tick mark on the number line.

Write 12 in Roman numerals

Heroes Tuition Centre - Homework

Name: _____

Bronze



24th September

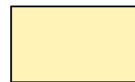
$$2,000 - 3$$

$$12 \times 5$$

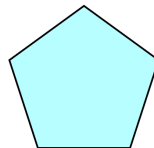
Circle the number that is **not odd**

17 25 30 41

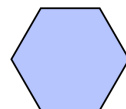
Match each shape to its name



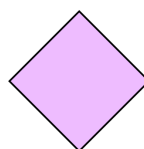
Hexagon



Pentagon



Square



Rectangle

How many sides does an octagon have?



Draw a 4 centimetre line

Bronze

 7×6 
$$5 + \boxed{5} + \boxed{6} = 16$$
$$6 + \square + \square = 16$$
$$7 + \square + \square = 16$$
$$10 + \square + \square = 16$$

Bronze

$$20 \times 20$$

How many minutes did it take him to get to school?

Bronze

412 - 7

$$52 + 18$$



Ella is 8 years and 5 months old.

How many months old is she?

Bronze

$$40 \div 8$$

$$70 \times 3$$

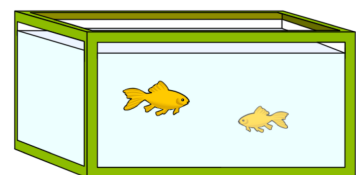
Write these numbers in order, starting with the smallest

502 1052 520

205 250

A fish tank contains 200 litres.
When cleaning, Jack pours out 140 litres.

How many litres are left in the tank?



Heroes Tuition Centre - Homework

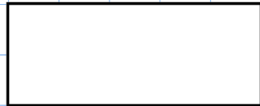
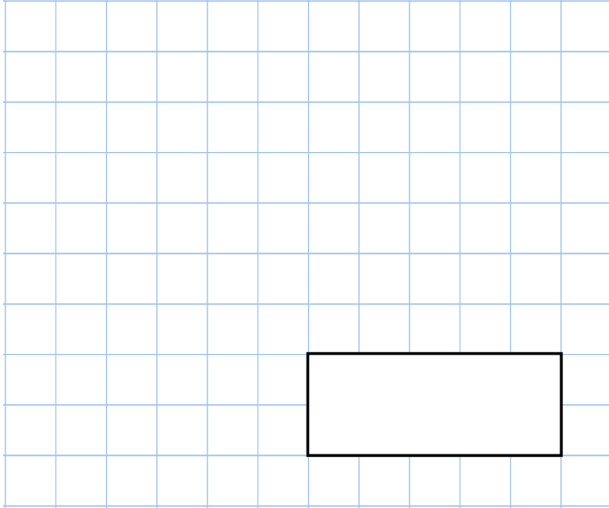
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Bronze

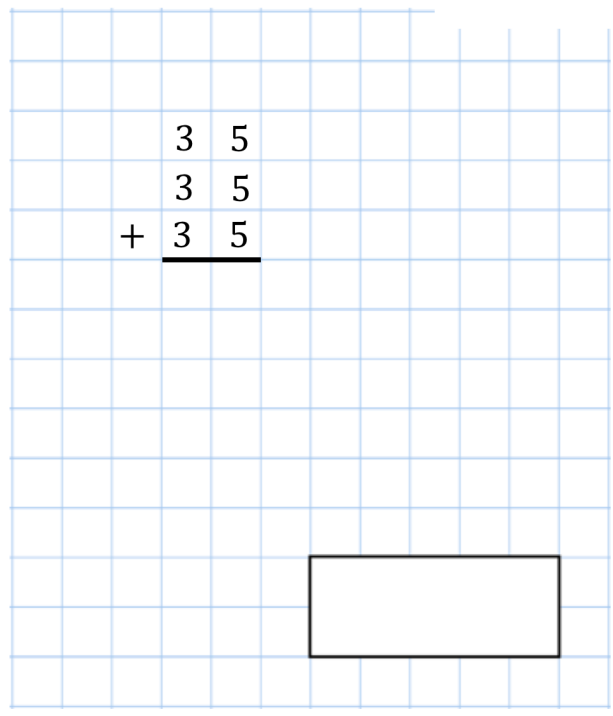


30th September

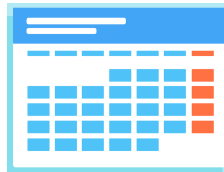
$$10 \times 0$$



$$\begin{array}{r} 35 \\ 35 \\ + 35 \\ \hline \end{array}$$



How many days are there in October?



How many edges does a cuboid have?



4 pens cost 52p



Find the cost of 1 pen