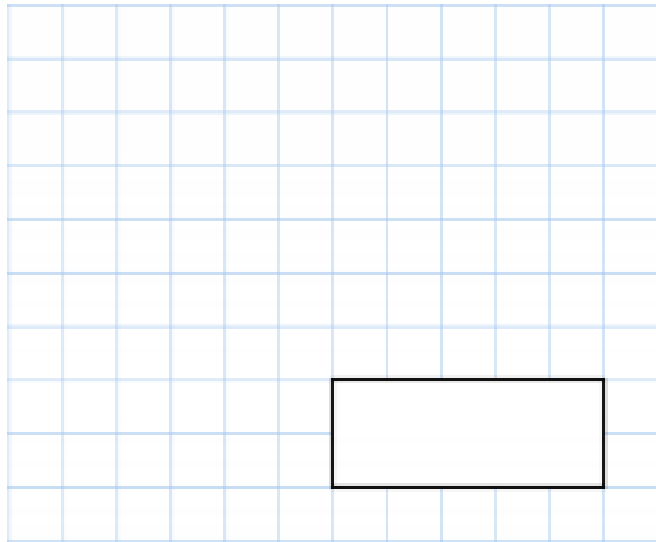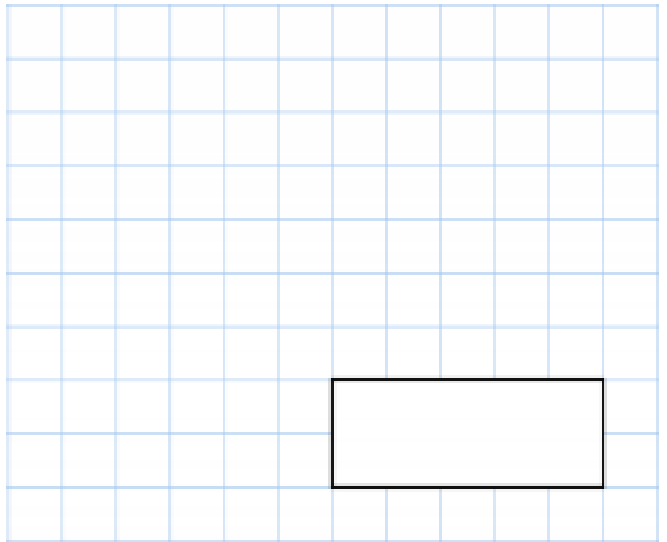$$\frac{5}{6} - \frac{2}{9}$$

0.08×14

For every 3 penalties Jamie takes, he scores 2.
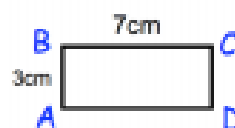
Altogether Jamie scored 18 penalties.

How many did he take?

At the end of a film, the year MMXV is given in Roman numerals.

Write MMXV in figures

Here are two similar rectangles.

Work out the length of EH

7cm
B _____ C
3cm
A _____ D

F _____ G
9cm
E _____ H

$\dfrac{2}{3} =$ [   ] %

[   ] %

$12 \times 12 \times 9 \times 9$
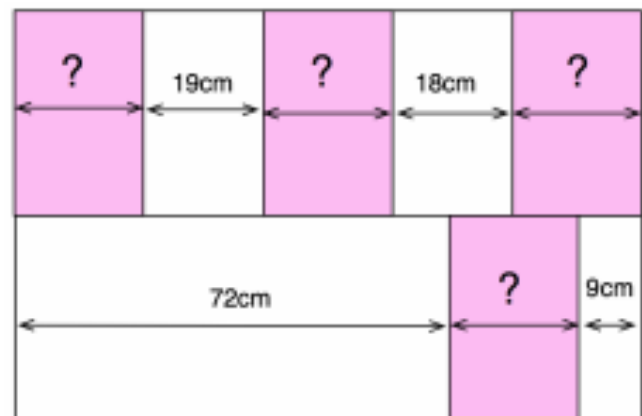
[   ]

Draw a 320° angle

In this diagram, the pink rectangles are all of equal width.
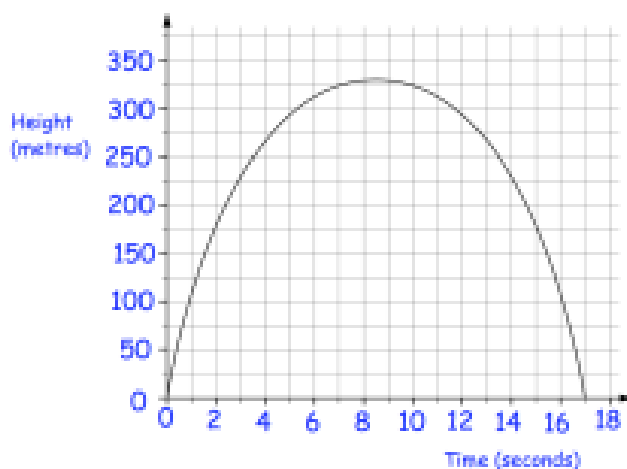
Calculate the width of one of the pink rectangles

? | 19cm | ? | 18cm | ?

72cm | ? | 9cm

$$40 - 16 \div 2$$

$$\begin{array}{r} 2\ 9\ 9\ 4 \\ \times \quad\quad 6\ 2 \\ \hline \end{array}$$

This graph shows the height of a drone at different times

Estimate how long the drone was **more than 100 metres** above the ground.

Estimate how many metres the drone rises in the first 3 seconds of flight.

Conor won some money in a raffle.

He gave 25% of the money to his mum.

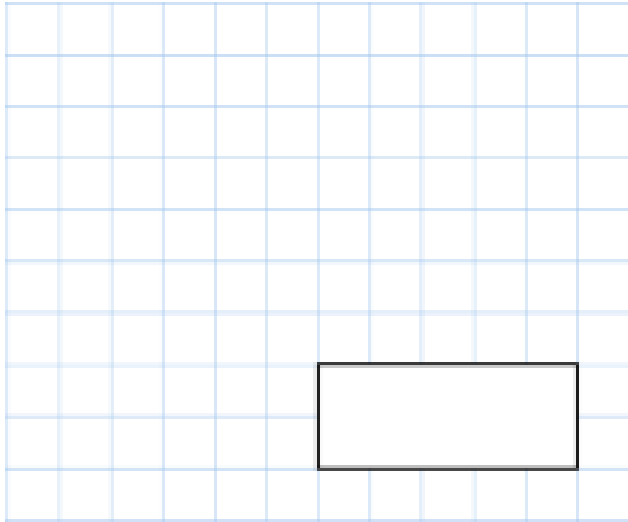Conor then gave $\frac{2}{3}$ of the money remaining to his dad.

Conor has £60 left

How much money did Conor give to his mum?
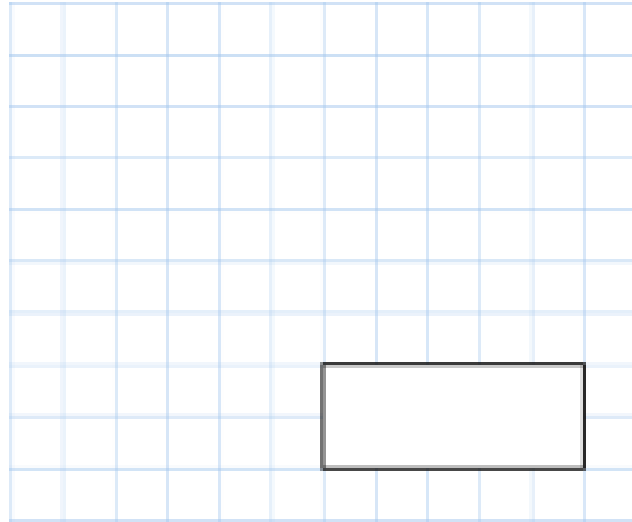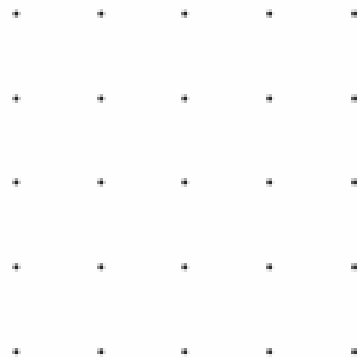
$2301 \div 59$

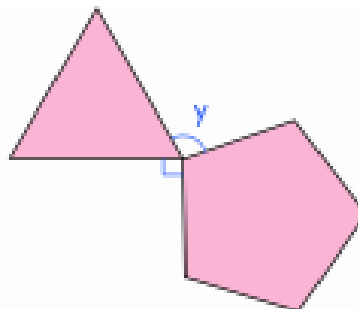$1\frac{1}{4} \times 18$

Make a quadrilateral with 3 acute angles

On Monday Dara read $\frac{7}{10}$ of his book.

On Tuesday he read the **other** 210 pages to finish his book.

How many pages are there in Dara's book?

Shown is an equilateral triangle and a regular pentagon.

Find y.

13th April

$$\frac{5}{6} - \frac{2}{9}$$

$$\frac{15}{18} - \frac{4}{18} = \frac{11}{18}$$

$\frac{11}{18}$

0.08×14

$1 \cdot 12$

For every 3 penalties Jamie takes, he scores 2.

Altogether Jamie scored 18 penalties.

How many did he take?

27

$18 \div 2 = 9$

$9 \times 3 = 27$

At the end of a film, the year MMXV is given in Roman numerals.

Write MMXV in figures

2015

Here are two similar rectangles.

Work out the length of EH

$7 \times 3 = 21$ cm

B ⌐7cm⌐ C
3cm
A ⌐⌐ D

F ⌐⌐ G
9cm
E ⌐⌐ H

$$\frac{2}{3} = \boxed{66 \cdot \dot{6} \quad \%}$$

$12 \times 12 \times 9 \times 9$

$$
\begin{array}{r}
1\ 4\ 4 \\
\times\quad 8\ 1 \\
\hline
1\ 4\ 4 \\
1\ 1\ 5\ 2\ 0 \\
\hline
1\ 1\ 6\ 6\ 4 \\
\end{array}
$$

$\boxed{ \%}$
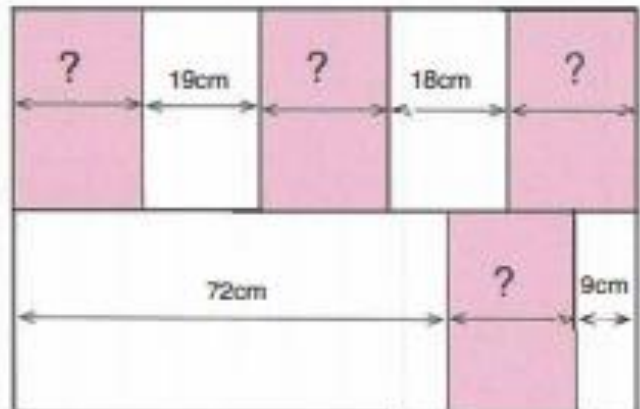
$\boxed{11664}$

Draw a 320° angle

In this diagram, the pink rectangles are all of equal width.

Calculate the width of one of the pink rectangles
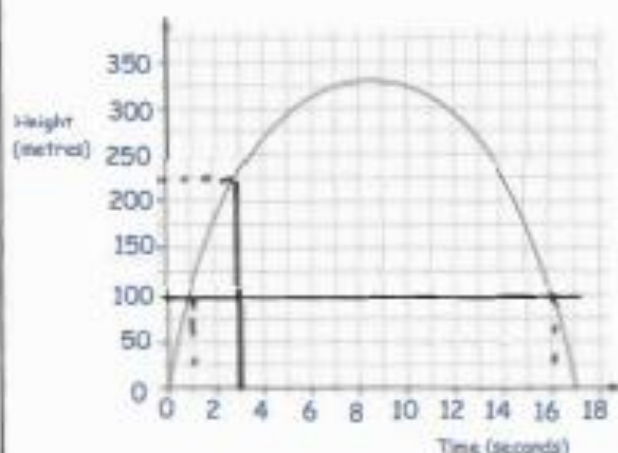
$3x + 37 = x + 72 + 9$

$2x = 44$

15th April

$40 - 16 \div 2$

$16 \div 2 = 8$ (underbrace)

$$\boxed{32}$$

$$\begin{array}{r} 2\ 9\ 9\ 4 \\ \times \qquad 6\ 2 \\ \hline 5\ 9\ 8\ 8 \\ 1\ 7\ 9\ 6\ 4\ 0 \\ \hline 1\ 8\ 5\ 6\ 2\ 8 \end{array}$$

$$\boxed{185628}$$

This graph shows the height of a drone at different times

Height (metres) — Time (seconds)

Estimate how long the drone was **more than 100 metres** above the ground.

$16 - 1 = 15 \text{ seconds}$

Estimate how many metres the drone rises in the first 3 seconds of flight.

appox 225m

Conor won some money in a raffle.

He gave 25% of the money to his mum.

Conor then gave $\frac{2}{3}$ of the money remaining to his dad.

Conor has £60 left

How much money did Conor give to his mum?

mum			Conor
25%	dad	dad	£60

75%

75% of money remaining
⅔ of 75% = 50%
Dad is given 50% of total money.
Conor receives 25% of total
Mum receives 25% of total

Conor gives his mum £60

$2301 \div 59$

$$\begin{array}{r} 0\ 0\ 3\ 9 \\ 59\overline{\smash{)}2^43^{23}0^{53}1} \end{array}$$
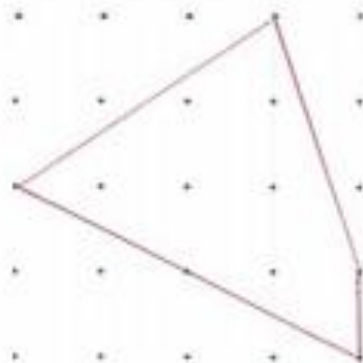
$\boxed{39}$

$1\frac{1}{4} \times 18$

$$\frac{5}{4} \times \frac{18}{1} = \frac{90}{4}$$

$\boxed{\frac{45}{2} = 22.5}$

Make a quadrilateral with 3 acute angles

On Monday Dara read $\frac{7}{10}$ of his book.

On Tuesday he read the **other** 210 pages to finish his book.

How many pages are there in Dara's book?

700

$$\frac{3}{10} = 210$$

$$\frac{1}{10} = 70$$

$$\frac{10}{10} = 700$$

Shown is an equilateral triangle and a regular pentagon.

Find y.

$90 + 60 + 108 = 258$

$360 - 258 = 102$

$y = 102$