

Work out 837 add 292

$$\begin{array}{r} 837 \\ + 292 \\ \hline 1129 \end{array}$$



Pattern 1

Pattern 2

Draw pattern 3

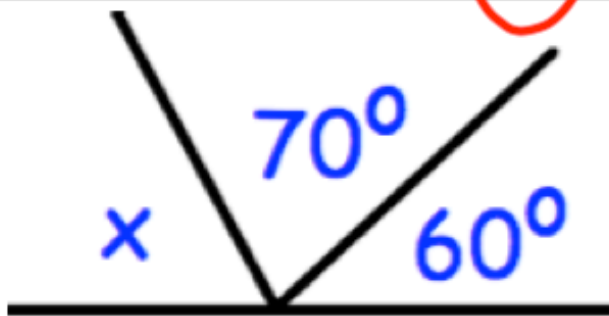


A coach seats 52 people.
250 people want to go on holiday.
How many coaches are needed?

$$5 \times 52 = 260 \quad \textcircled{5}$$

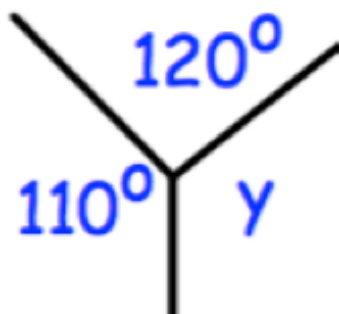
How many empty seats will there be?

$$10$$



Find x

$$\begin{aligned} 70 + 60 &= 130 \\ 180 - 130 &= 50^\circ \end{aligned}$$



Find y

$$\begin{array}{r} 120 \\ + 110 \\ \hline 230 \end{array} \quad \begin{array}{r} 360 \\ - 230 \\ \hline 130^\circ \end{array}$$

When $x = 5$ and $y = -7$
 Find the value of $5xy$

$$5 \times 5 \times -7$$

$$= 25 \times -7$$

$$= -175$$

£1 = \$1.5 dollars
 Convert £20 into dollars

$$20 \times 1.5 = \$30$$

Convert \$450 into pounds

$$\$450 \div 1.5$$

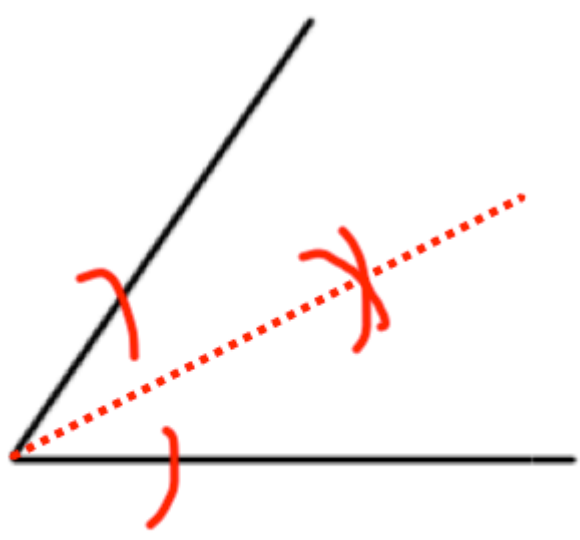
$$= \pounds 300$$

Jonah wants to draw a pie chart

Sunderland City	6	x 10
Manchester Rovers	7	x 10
Liverpool United	13	x 10
London Town	10	x 10
	36	

Calculate the size of each angle.

60°
 70°
 130°
 100°
 360 ÷ 36 = 10



An accurate version of this.

Construct the angle bisector for the angle above.

January 12

5-a-day

Higher

$$\frac{3}{5} \div 4 \quad \frac{3}{5} \div \frac{4}{1}$$

$$\frac{3}{5} \times \frac{1}{4} = \frac{3}{20}$$

Write in standard form

303 million

$$303000000$$

$$3.03 \times 10^8$$

Write in standard form

 23×10^8

$$2.3 \times 10^9$$

$$4^0 + 4^{\frac{1}{2}} + 4^1 + 4^2$$

$$1 + 2 + 4 + 16$$

$$23$$

Write down the Cosine Rule.

$$a^2 = b^2 + c^2 - 2bc \cos A$$

Work out the length of the missing side.

$$a^2 = 4^2 + 5^2 - 2 \times 4 \times 5 \cos 80$$

$$a^2 = 41 - 40 \cos 80$$

$$a^2 = 34.05407\dots$$

$$a = 5.836 \text{ cm}$$

