



15th January

When $x = 5$ and $y = -7$

Find the value of $5xy$

$$5 \times 5 \times -7 = -175$$

£1 = \$1.5 dollars

Convert £20 into dollars

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

Convert \$450 into pounds

$$450 \div 1.5 = \pounds 300$$

Adults £4 each

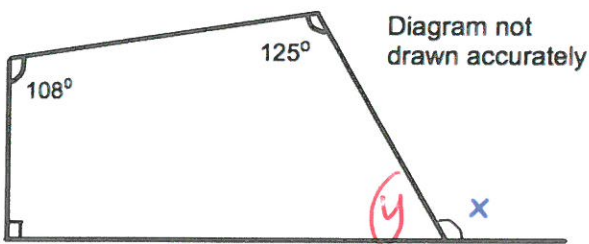
Children £3 each

A group of adults and children goes to the fair.

The total cost is £32

Give a possible number of adults and children.

$$\begin{array}{r} 5 \text{ adults @ } \pounds 4 = \pounds 20 \\ 4 \text{ children @ } \pounds 3 = \pounds 12 \\ \hline \pounds 32 \end{array}$$



Work out the size of the angle x .

$$\begin{aligned} y &= 360 - (108 + 125 + 90) \\ y &= 360 - 323 \\ y &= 37 \\ x &= 180 - 37 \\ x &= 143^\circ \end{aligned}$$

2400 men and 600 women attend a rugby match.

30% of the people support Bath
 $\frac{1}{4}$ of the men support Bath.

What percentage of the women support Bath?

$$\begin{array}{r} 30\% \text{ of } 3000 = 0.3 \times 3000 = 900 \\ \frac{1}{4} \times 2400 = 600 \\ \hline \text{No of women} \quad 300 \\ \hline \frac{300}{600} \times 100 = 50\% \text{ of women} \end{array}$$