Find the value of y.

$$5y + 1 = 31$$

 $9 = 2y + 8$
 $3y - 3 = 9$
 $10y - 2 = 48$
 $4y - 10 = 30$
 $4 + 3y = 28$

Dani thinks of a number.

She doubles it and adds 3

She gets the answer 15

a) Write an equation to represent Dani's problem.

$$2x + 3 = 15$$

b) Solve the equation to find her number.

The length of a rectangle is 2x + 3The width of the same rectangle is x - 2The perimeter is 17 cm.

Find the area of the rectangle.

8x0.5=4cm2

2x+3

6x = 15 6x + (6-4) 6x + 2 = 17 $6|15 \cdot 30$ Length = 8 width = 0.5 6x + 2 = 17



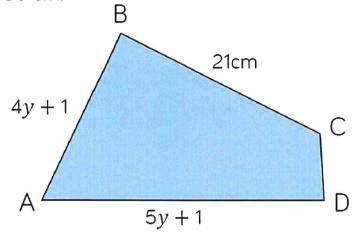


Work out the cost of one banana and one orange.

Samana =
$$|.52$$
 Orange = $\frac{2}{64p}$ Samanar = $\frac{1.20}{0.32}$ Orange = $\frac{2}{64p}$ Samanar = $\frac{0.11}{0.30}$ Orange = $\frac{2}{64p}$ Samanar = $\frac{0.32}{0.56}$ Orange = $\frac{2}{64p}$ Samanar = $\frac{0.11}{0.56}$ Orange = $\frac{2}{64p}$ Samanar = $\frac{0.11}{0.56}$ Orange = $\frac{2}{64p}$ Orange = $\frac{2}{64p}$ Orange = $\frac{2}{64p}$ Samanar = $\frac{0.11}{0.56}$ Orange = $\frac{2}{64p}$ Samanar = $\frac{0.11}{0.56}$ Orange = $\frac{2}{64p}$ Orange = $\frac{2}{64p}$ Samanar = $\frac{0.11}{0.56}$ Orange = $\frac{2}{64p}$ Orange = $\frac{2}{9}$ Orange = $\frac{2}{64p}$ Orange = $\frac{2}{9}$ Orange

Here is the quadrilateral ABCD.

The perimeter of the quadrilateral is 80 cm.

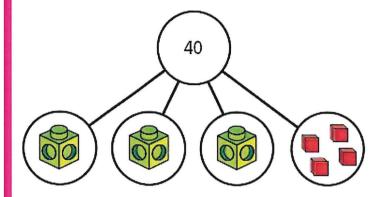


AB is the same length as BC.

Find the length of CD. 12cm

$$4y = 20$$
 $4y = 5$
 $4y = 68$
 $4y = 20$
 $4y = 5$
 $4y = 68$
 $4y = 20$
 $4y = 68$
 $4y = 68$

If each multilink cube represents x, form and solve an equation to find the value x.



$$3x + 4 = 40$$

 $40 - 4 = 36$
 $36 \div 3 = 12$

$$x = \boxed{12}$$

Write an algebraic equation to represent each bar model.

9

Find the values of a and b.

21

a

a

b)	46	
	3 <i>b</i>	10

Find the value of y.

$$5y + 1 = 31$$
 $9 = 2y + 8$
 $3y - 3 = 9$