Corbettmaths

Find an expression for the perimeter of the rectangle.

$$2c + 2d$$

d

$c$ [rectangle] $c$

d

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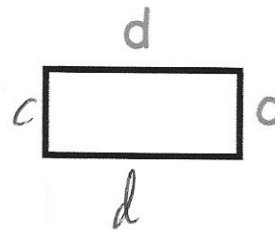
Amara is playing a game.
She throws 8 balls at a target, one at a time.
Each hit is worth 5 points.
Each miss is worth –4 points.
Amara hits the target with 2 of the balls and misses with the rest.
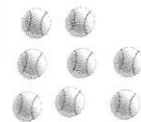


$$2 \times 5 = 10$$
$$6 \times -4 = -24$$

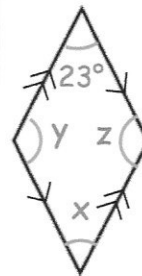How many points does Amara score?

$$-14$$

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Shown is a rhombus.     $180 - 23 = 157$

Find angles x, y and z.

$$x = 23°$$
$$y = 157°$$
$$z = 157°$$



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| Day | Mon | Tues | Wed | Thurs | Fri |
|---|---|---|---|---|---|
| Temperature | –4°C | 1°C | –6°C | 1°C | –2°C |

What is the mean of the temperatures recorded?

$$= -10$$

$$-10 \div 5 = -2°C$$

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The ratio of girls to boys in a class is 2 : 3

What fraction of the class are girls?

$$\frac{2}{5}$$

What percentage of the class are boys?

$$60\%$$