

7th May

Corbettmaths

Write down **all** the integer values of x that satisfies $-7 \leq 2x + 1 < 8$

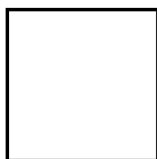
Vanessa buys 30 bags of marshmallows at a total cost of £45. Each bag says that it contains 20 to 30 marshmallows.

She says each marshmallow costs 7.5p

Explain how Vanessa has reached this conclusion.

Work out the lowest possible cost of each marshmallow

A empty circular swimming pool has radius 8m and height 2m. The pool is going to be filled at a rate of 20 litres a minute. How long will it take to fill the pool?

 $7x - 1 \text{ cm}$  $5x + 13 \text{ cm}$

Shown is a square.
Calculate the perimeter of the square.