

M8 = 4 days to go!

4 Tiles measure 50 cm by 30 cm.

Each tile costs £2.09

Estimate the cost of tiling a room which measures 4.18 m by 2.72 m.

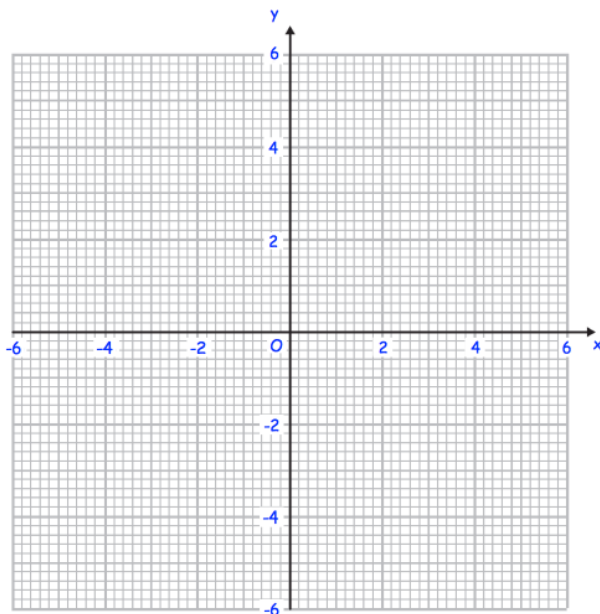
Answer £ _____ [4]

Expand and simplify $(3 + \sqrt{8})(4 + \sqrt{2})$

Give your answer in the form $a + b\sqrt{2}$ where a and b are integers.

.....
(4)

Draw the circle with equation $x^2 + y^2 = 16$



(2)

$$32^{-4/5}$$

.....
(2)

Z is directly proportion to \sqrt{x}

When $Z = 12$, $x = 36$

- (a) Express Z in terms of x
- (b) Work out the value of Z when $x = 121$
- (c) Work out the value of x when $Z = 18$