



Write down an estimate for $\sqrt{51}$

7.1

Last month James weighed 75kg
This month James weighs 78kg

Calculate the percentage increase.

$$\frac{3}{75} \times 100$$

$$= 4\%$$

Line A $y = 4x + 1$

Line B $y = \frac{1}{4}x - 1$

Line C $y = 4 - x$

Line D $y - 4x = 5$

Line E $y + 4x = 8$

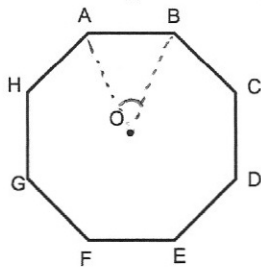
Which line passes through the point

(3, 1)?
x y

$$1 = 4 - 3 \checkmark$$

Line C

ABCDEFGH is a regular octagon.



Calculate the size of angle AOB.

$$360 \div 8 = 45^\circ$$

Calculate the size of angle ABC.

$$(8-2) \times 180 = 1080^\circ$$

$$1080 \div 8 = 135^\circ$$

Mrs Holland wants to paint her garage wall.

Each can of paint covers 5m^2 .

Each can costs £7.50

How much will it cost Mrs Holland to paint her garage wall?

The wall measures $6\frac{2}{3}\text{m}$ by $3\frac{1}{7}\text{m}$

$$6\frac{2}{3} \times 3\frac{1}{7} = \frac{20}{3} \times \frac{22}{7}$$

$$= \frac{440}{21} = 20\frac{20}{21}$$

$$5 \text{ cans} = 25\text{m}^2$$

$$5 \times 7.50$$

£37.50