

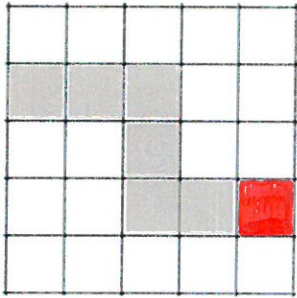


18th January

Complete the table

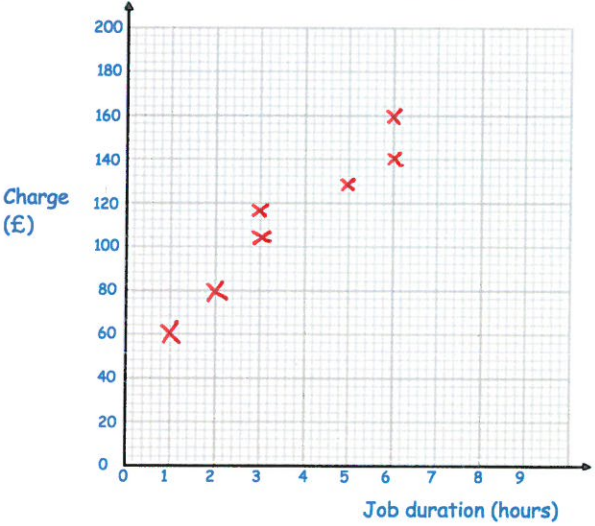
Fraction	Decimal	Percentage
$\frac{7}{100}$	0.07	7%
$\frac{35}{100} = \frac{7}{20}$	0.35	35%
$\frac{3}{5}$	0.6	60%

Shade one more square to make a pattern with rotational symmetry order 2.



Plot the data on the scatter graph

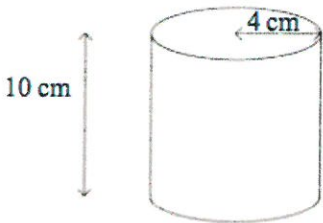
Job duration (hours)	1	2	3	3	5	6	6
Charge (£)	60	80	104	116	128	140	160



Describe the correlation

positive correlation

Calculate the volume of this cylinder



$$A = \pi r^2 h$$

$$r = 4 \quad h = 10$$

$$A = \pi \times 4^2 \times 10$$

$$A = 503 \text{ cm}^3 \text{ (3 sig figs)}$$