

1st December



Corbettmaths

Calculate the force if the pressure is  $500\text{N/m}^2$  and the area is  $20\text{m}^2$

$$P \quad F \quad A \quad F = P \times A$$

$$F = 500 \times 20$$

$$= 10000\text{N}$$

Age	Frequency	$fx$
$0 < A \leq 10$	<sup>5</sup> 5	25
$10 < A \leq 20$	<sup>15</sup> 9	135
$20 < A \leq 40$	<sup>30</sup> 6	180
	<u>20</u>	<u>340</u>

Calculate an estimate of the mean.

$$340 \div 20 = 17$$

Simplify

$$\frac{2x}{5} \times \frac{3x}{7}$$

$$\frac{6x^2}{35}$$

Simplify

$$\frac{4x}{9y} \div \frac{6x}{7}$$

$$\frac{4x}{9y} \times \frac{7}{6x}$$

$$\frac{28}{54y} = \frac{14}{27y}$$

Using a ruler and compasses, construct the perpendicular to DE that passes through the point F.

