| Factorise $y^2 - 25$	Factorise $y^2 + 2y - 24$
$(y-5)(y+5)$	$(y+6)(y-4)$

Find the HCF of 54 and 135

$54 = 2 \times 3 \times 3 \times 3$

$135 = 3 \times 3 \times 3 \times 5$

54　　　　　135
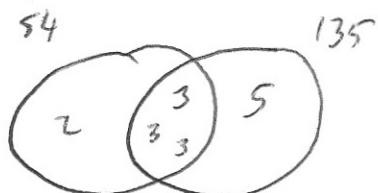
$3 \times 3 \times 3 = 27$

Amount spent, m, (£)	Frequency	f_x
$0 < m \le 5$	4	10
$5 < m \le 10$	12	90
$10 < m \le 15$	26	325
$15 < m \le 20$	8	140
	50	565

Calculate an estimate of the mean

$565 \div 50 = 11.3$

£11.30

The total area is 176cm²

Find y

$176 - 144 = 32$

$32 \div 5 = 6.4$

$16 - 6.4 = 9.6 \, cm$

6.4

5cm　　32

y

9cm　　144

16cm
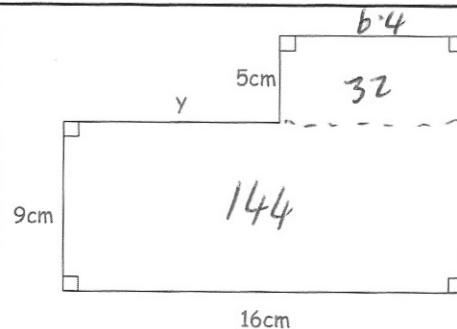
Find the length of AC

T $\overset{o}{A}$

$AC = \dfrac{12}{\tan 70}$

$= 4.3676 \, cm$

B

O

12cm

70°

C　　　A

4