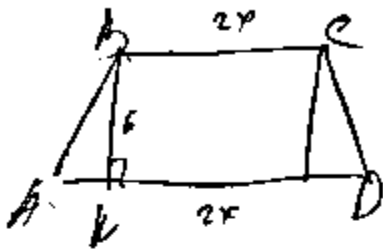


$$S_{\text{total}} = S_{\text{side}} + S_{\text{base}} = 36 + 4 \cdot 12 = 84$$

$$\frac{Q}{2} = \sqrt{25-16} = 3 \Rightarrow a = 6$$

$$S_{\text{side}} S_{\text{base}} = \frac{1}{2} \cdot 6 \cdot 6 = 12$$



$$S_{ABCD} = \frac{BC+AD}{2} \cdot h \Rightarrow BC+AD = \frac{2 S_{ABCD}}{h} = \frac{2 \cdot 20}{4} = 10$$

$$\text{Пусть } BC = 2x \Rightarrow 2x + 3x = 10$$

$$AD = 3x \quad 5x = 10$$

$$x = 2$$

$$x = 4$$

$$BC = 2 \cdot 4 = 8$$

$$AD = 3 \cdot 4 = 12$$

$$\text{Условие: } x^2 + (y+z)^2 = 100$$

$$(2+3)^2 = 25 = 100$$

$$\Rightarrow \text{...}$$

$$x^2 + (y-z)^2 = 100$$