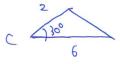
25 以下のような三角形 △ABC の面積を求めよ.

(1)
$$a = 2, b = 6, C = 30^{\circ}$$

(2)
$$a = b = c = 3$$

(3)
$$a = 3, b = 4, c = 5$$

(4)
$$a = 4, b = 5, c = 7$$



$$S = \frac{1}{2} \cdot 2 - 6 - 5in30^{\circ}$$

$$= \frac{1}{2} \cdot 2 - 6 \cdot \frac{1}{2} = \frac{3}{4}$$

(2) 正三角が アヘマ、月ロオルマ 60°.

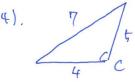
$$\beta = \frac{1}{2} \cdot 3 \cdot 3 \cdot \beta = \frac{9}{4} \cdot 3$$

$$= \frac{1}{2} \cdot 3 \cdot 3 \cdot \frac{13}{2} = \frac{9}{4} \cdot \frac{13}{3}$$

(3) 直角三角形分 7~~ 24.



$$\beta = \frac{1}{2}.3.4 = 6$$



(4). 7 (表 3 定量) T²=4²+5²-2-4-5-GsC. 49=16+25-2-4-5-GsC 8 = -2-4-5-arc

$$S_{1} = \frac{1}{2}$$

$$S_{1} = \frac{1}{2}$$

$$S_{2} = \frac{1}{2}$$

$$S_{3} = \frac{1}{2}$$

$$S_{3} = \frac{1}{2}$$

$$S_{4} = \frac{1}{2}$$

$$S_{5} = \frac{1}{2}$$

$$\sum_{t=1}^{1} \frac{1}{5} \cdot 4 \cdot 5 - \frac{2\sqrt{6}}{5}$$

$$= 4\sqrt{6}$$