22 次のような
$$\triangle$$
ABC の面積を求めよ.【*】 (1) $b=3, a=4, C=30^{\circ}$

$$S = \frac{1}{2} \cdot a \cdot h \cdot h \cdot c$$

$$= \frac{1}{2} \cdot 3 \cdot 4 \cdot h \cdot 20^{\circ}$$

$$= \frac{3}{4} \cdot \frac{3}{4} \cdot \frac{4}{4} \cdot \frac{3}{4} \cdot$$

(2)
$$a = \sqrt{2}, c = 3, B = 135^{\circ}$$

$$\beta = \frac{1}{2} \cdot \sqrt{2} \cdot 3 \cdot \frac{1}{\sqrt{2}}$$

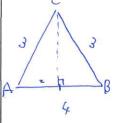
$$= \frac{3}{2}$$

(3)
$$c = 8, b = 6, A = 120^{\circ}$$

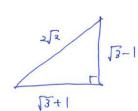
$$S = \frac{1}{2} \cdot b \cdot d \cdot \frac{\sqrt{3}}{2}$$

$$= (2\sqrt{3})$$

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



(5)
$$a = 2\sqrt{2}, b = \sqrt{3} + 1, c = \sqrt{3} - 1$$



$$\begin{array}{cccc}
C^{2} &= & & \\
C^{3} &= & \\
C^{3} &= & & \\
C^$$

$$S = \frac{1}{2} \cdot (\sqrt{3} + 1) \cdot (\sqrt{3} - 1)$$