

● 予習

1. (1) $N = (5 \times 7 \times \sin 90^\circ)k = 35k$

$$W = 5 \times 7 \times \cos 90^\circ = 0$$

(2) $N = (5 \times 4 \times \sin 0^\circ)k + (5 \times 7 \times \sin 90^\circ)k = 35k$

$$W = 5 \times 4 \times \cos 0^\circ + 5 \times 7 \times \cos 90^\circ = 20$$

2. 右図より

$$A \cos 120^\circ + B \cos 30^\circ = 0$$

$$A \sin 120^\circ + B \sin 30^\circ - mg = 0$$

よ り

$$A = (\sqrt{3}/2)mg$$

$$B = (1/2)mg$$

3. $F_1 + F_2 = (6, 4)$

