

n=1...6

$$a=2n \text{ [m]}$$

$$b=3n \text{ [m]}$$

$$c=4n \text{ [m]}$$

$$F1=n \text{ [N]}$$

$$F2=3\sqrt{(3n)^2 + (4n)^2} \text{ [N]}$$

$$F3=4n \text{ [N]}$$

$$F4=5 \text{ [N]}$$

n=7...12

$$a=3n \text{ [m]}$$

$$b=4n \text{ [m]}$$

$$c=2n \text{ [m]}$$

$$F1=n \text{ [N]}$$

$$F2=4\sqrt{(4n)^2 + (2n)^2} \text{ [N]}$$

$$F3=2n \text{ [N]}$$

$$F4=6 \text{ [N]}$$

n=13...18

$$a=4n \text{ [m]}$$

$$b=2n \text{ [m]}$$

$$c=3n \text{ [m]}$$

$$F1=n \text{ [N]}$$

$$F2=5\sqrt{(2n)^2 + (3n)^2} \text{ [N]}$$

$$F3=6n \text{ [N]}$$

$$F4=7 \text{ [N]}$$

$$\underline{n=19\dots24}$$

$$a=3n \text{ [m]}$$

$$b=5n \text{ [m]}$$

$$c=6n \text{ [m]}$$

$$F1=n \text{ [N]}$$

$$F2=3\sqrt{(5n)^2 + (6n)^2} \text{ [N]}$$

$$F3=4n \text{ [N]}$$

$$F4=5 \text{ [N]}$$

$$\underline{n=25\dots30}$$

$$a=5n \text{ [m]}$$

$$b=6n \text{ [m]}$$

$$c=3n \text{ [m]}$$

$$F1=n \text{ [N]}$$

$$F2=4\sqrt{(6n)^2 + (3n)^2} \text{ [N]}$$

$$F3=5n \text{ [N]}$$

$$F4=6 \text{ [N]}$$

$$\underline{n=31\dots36}$$

$$a=6n \text{ [m]}$$

$$b=3n \text{ [m]}$$

$$c=5n \text{ [m]}$$

$$F1=n \text{ [N]}$$

$$F2=5\sqrt{(3n)^2 + (5n)^2} \text{ [N]}$$

$$F3=6n \text{ [N]}$$

$$F4=7 \text{ [N]}$$