

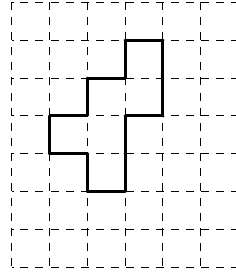
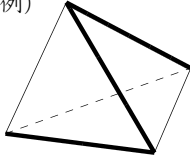
## 解答

1. (1) 41.87cm

(2) 23.08cm

2. (1) (例)

(2) (例)



(3)① 9本・115cm

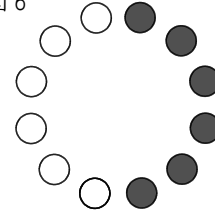
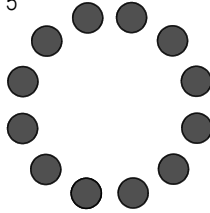
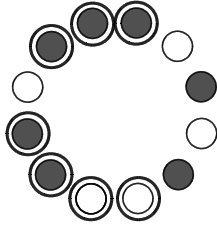
② 9本・95cm

(4) 19本

3. (1)

(2) 図5

図6



(3) 15枚 (4) 最も多いときの枚数…27枚, 最も少ないときの枚数…0枚

4. (1) 7個

(2)① (10, 0), (9, 1), (8, 2), (7, 3), (6, 4), (5, 5),  
(4, 6), (3, 7), (2, 8), (1, 9), (0, 10)

② 最も短くなる組み合わせ…(9, 1) かかった時間…1260秒

(3) かかる時間…1240秒 考えられる組み合わせ…(3, 9), (4, 8), (6, 5)