

pipeline = a

$$a^2 = b^2 + c^2 - 2bc \cos A$$

$$a^2 = 40^2 + 50^2 - 2 \times 40 \times 50 \times \cos 60$$

$$a^2 = 2100$$

$$a = 45.8m$$

①

section 1

$$= \frac{1}{2}bc \sin A = \frac{1}{2} \times 40 \times 50 \times \sin 60$$

$$= 866m^2$$

②

