

$$AB = \sqrt{(-2\sqrt{46} + 10\sqrt{6})^2 + 16^2}$$

$$= 19.377$$

⑧

$$\cos O' = \frac{25^2 + 25^2 - 19.377^2}{2 \times 25 \times 25} = 0.69962$$

$$O' = 45.603'$$

$$AB = 25 \times \frac{45.603}{360} \times 2\pi$$

$$= 19.898 \text{ m.}$$

$$\frac{19.898}{0.915} = 21.747$$

22 Kerbstone

$$b) a + 2b + 4c = 25.344 \quad (1)$$

$$4a - 17.06b + 72.7609c = 25.344 \quad (2)$$

$$12.788c = 25.344 \quad (3)$$

$$(3) \quad C = \frac{25.344}{12.788} = 1.982$$