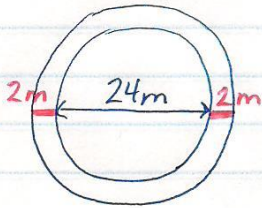


P. 168 # 5, 8, 10, 11, 13, 14

5)



$$\begin{aligned} \text{a) } C &= \pi d \\ &= 3,14(24) \\ &= \boxed{75,36 \text{ m}} \end{aligned}$$

$$\begin{aligned} \text{b) } r &= 12 \text{ m} + 2 \text{ m} \\ &= \boxed{14 \text{ m}} \end{aligned}$$

$$\begin{aligned} \text{c) } C &= \pi d \\ &= 3,14(28) \\ &= \boxed{87,92 \text{ m}} \end{aligned}$$

$$\begin{aligned} \text{8) a) } A &= bh \\ &= 1,6(2,4) \\ &= \boxed{3,84 \text{ m}^2} \end{aligned}$$

$$\begin{aligned} \text{b) i. } A &= \frac{bh}{2} \\ &= \frac{0,8(2,4)}{2} \\ &= \boxed{0,96 \text{ m}^2} \end{aligned}$$

$$\begin{aligned} \text{ii. } 3 \times 3,84 \text{ m}^2 &= 11,52 \text{ m}^2 \\ 2 \times 0,96 \text{ m}^2 &= 1,92 \text{ m}^2 \\ &= \boxed{13,44 \text{ m}^2} \end{aligned}$$

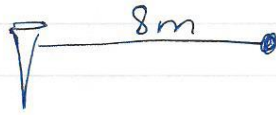
$$\begin{aligned} \text{10) } A &= \frac{bh}{2} \\ &= \frac{4,5(4,5)}{2} \\ &= \boxed{10,125 \text{ m}^2} \end{aligned}$$

$$10,125 \text{ m}^2 \times 125 \text{ \$} =$$

$$\boxed{\underline{\underline{1265,63 \text{ \$}}}}$$

$$\underline{\text{ou}} \quad 11 \times 125 \text{ \$} = \boxed{1375 \text{ \$}}$$

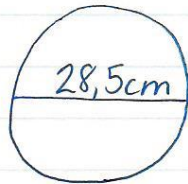
11)



$$\begin{aligned}
 \text{a) } A &= \pi r^2 \\
 &= 3,14(8)(8) \\
 &= \boxed{200,96 \text{ m}^2}
 \end{aligned}$$

$$\begin{aligned}
 \text{b) } C &= \pi d \\
 &= 3,14(16) \\
 &= \boxed{50,24 \text{ m}}
 \end{aligned}$$

13)



$$\begin{aligned}
 A &= \pi r^2 \\
 &= 3,14(14,25)(14,25) \\
 &= \boxed{637,62 \text{ cm}^2}
 \end{aligned}$$

14)

$$\begin{aligned}
 \text{a. } A &= \pi r^2 \\
 &= 3,14(4,2)(4,2) \\
 &= \boxed{55,4 \text{ cm}^2}
 \end{aligned}$$

$$\begin{aligned}
 \text{b. } A &= \frac{bh}{2} \\
 &= \frac{12(9)}{2} \\
 &= \boxed{54 \text{ cm}^2}
 \end{aligned}$$

Le parallélogramme nécessite le plus de peinture.

$$\begin{aligned}
 \text{c. } A &= bh \\
 &= 7(8) \\
 &= \boxed{56 \text{ cm}^2}
 \end{aligned}$$