

$$\sqrt{184}$$

$$196 = 14 \times 14$$

$$169 = 13 \times 13$$

184 est plus proche à 196 que  
169 alors 14 est une meilleure  
estimation de  $\sqrt{184}$

$$\sqrt{303}$$

a) 16

$$16 \times 16 = 256$$

**b) 17**

$$17 \times 17 = 289$$

c) 18

$$18 \times 18 = 324$$

$$3. \sqrt{6400}$$

$$\sqrt{64 \times 100}$$

$$\sqrt{8 \times 8 \times 10 \times 10}$$

$$\sqrt{(8 \times 10)(8 \times 10)}$$

$$\sqrt{80 \times 80}$$

$$80$$

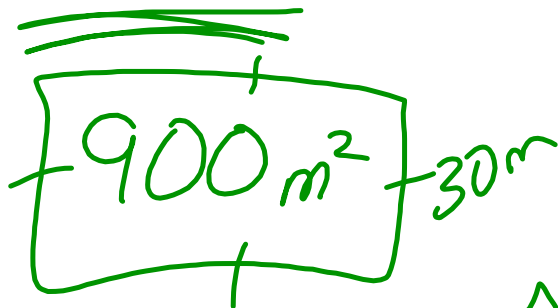
$$3600$$

$$4900$$

$$2500$$

$$14400$$

5. Carrée



$$P = 30 + 30 + 30 + 30$$

$$= 120 \text{ m}$$

$$\sqrt{900}$$

$$\sqrt{9 \times 100}$$

$$\sqrt{3 \times 3 \times 10 \times 10}$$

$$\sqrt{(3 \times 10)(3 \times 10)}$$

$$\sqrt{30 \times 30}$$

30

$$\begin{aligned} 7. \quad & \sqrt{3600} \\ & \sqrt{36 \times 100} \\ & \sqrt{6 \times 6 \times 10 \times 10} \\ & \sqrt{(6 \times 10)(6 \times 10)} \\ & \sqrt{60 \times 60} \\ & \boxed{60} \end{aligned}$$