

Homework Answers 5.2

Ready

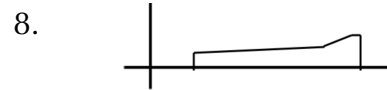
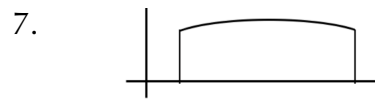
$$\begin{aligned} 1. \quad \sin P &= \frac{12}{13} \\ \cos P &= \frac{5}{13} \\ \tan P &= \frac{12}{5} \end{aligned}$$

$$\begin{aligned} 2. \quad \sin \theta &= \frac{7}{41} \\ \cos \theta &= \frac{40}{41} \\ \tan \theta &= \frac{7}{40} \end{aligned}$$

$$\begin{aligned} 3. \quad \sin B &= \frac{12}{13} \\ \cos B &= \frac{5}{13} \\ \tan B &= \frac{12}{5} \end{aligned}$$

$$\begin{aligned} 4. \quad \sin A &= \frac{4}{5} \\ \cos A &= \frac{3}{5} \\ \tan A &= \frac{4}{3} \end{aligned}$$

Set



9. answers will vary
10. answers will vary

Go

11. 282.74 in^3
12. 1340.41 cm^3
13. 53.03 m^3
14. 1092 in^3