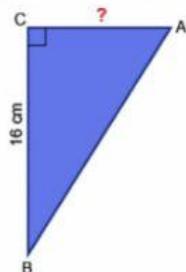


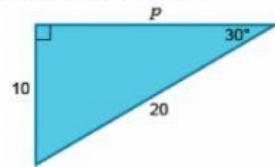
G11. Warming Up Activity 5

1. Given $\tan B = \frac{5}{8}$, what is the length of side AC?



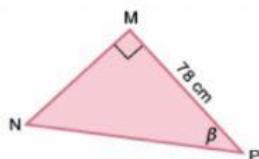
- a. 8 cm
- b. 10 cm
- c. 12 cm
- d. 13 cm

2. Which of the following equations can be used to calculate the given value of P?



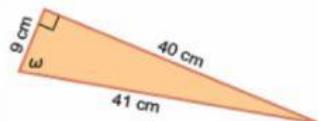
- a. $\tan 30^\circ = \frac{P}{10}$
- b. $\tan 30^\circ = \frac{10}{P}$
- c. $\tan 30^\circ = \frac{P}{20}$
- d. $\tan 30^\circ = \frac{20}{P}$

3. Given $\tan \beta = \frac{5}{6}$. Find the length of MN...



- a. 60 cm
- b. 63 cm
- c. 65 cm
- d. 70 cm

4. Which of the following statements is correct for this triangle?



- a. $\sin \omega = \frac{9}{40}$
- b. $\cos \omega = \frac{41}{40}$
- c. $\sin \omega = \frac{40}{9}$
- d. $\cos \omega = \frac{9}{41}$

5. Find the following ratios using the given right triangles.



- a. $\sin A = \frac{12}{37}, \cos A = \frac{35}{37}, \tan A = \frac{35}{12}$
- b. $\sin A = \frac{35}{37}, \cos A = \frac{12}{37}, \tan A = \frac{35}{12}$
- c. $\sin A = \frac{12}{37}, \cos A = \frac{35}{12}, \tan A = \frac{35}{37}$
- d. $\sin A = \frac{35}{37}, \cos A = \frac{35}{12}, \tan A = \frac{12}{37}$