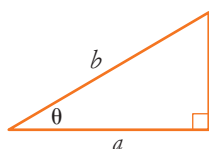


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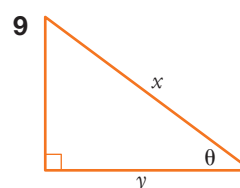
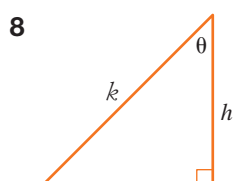
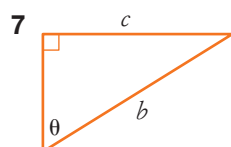
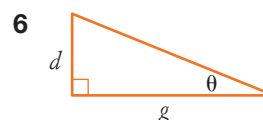
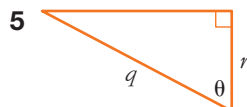
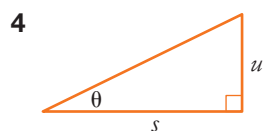
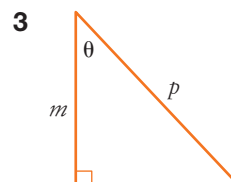
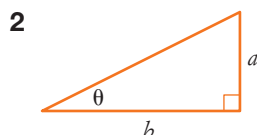
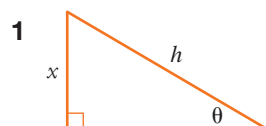
Identifying the correct trigonometric ratio

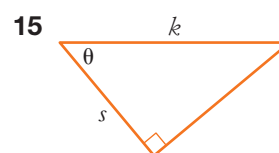
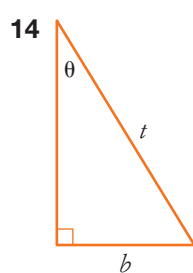
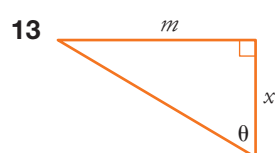
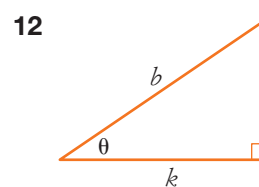
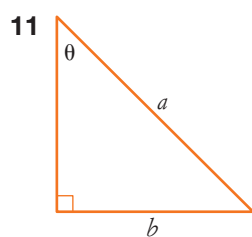
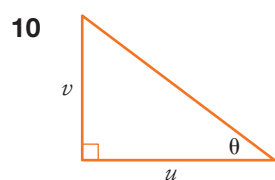
Using the angle and sides given in each triangle below, select the correct trigonometric ratio and write the rule for each.

Example:



Rule: $\cos(\theta) = \frac{a}{b}$





Answers

1 $\sin(\theta) = \frac{x}{h}$

2 $\tan(\theta) = \frac{a}{b}$

3 $\cos(\theta) = \frac{m}{p}$

4 $\tan(\theta) = \frac{u}{s}$

5 $\cos(\theta) = \frac{r}{q}$

6 $\tan(\theta) = \frac{d}{g}$

7 $\sin(\theta) = \frac{c}{b}$

8 $\cos(\theta) = \frac{h}{k}$

9 $\cos(\theta) = \frac{y}{x}$

10 $\tan(\theta) = \frac{v}{u}$

11 $\sin(\theta) = \frac{b}{a}$

12 $\cos(\theta) = \frac{k}{b}$

13 $\tan(\theta) = \frac{m}{x}$

14 $\sin(\theta) = \frac{b}{t}$

15 $\cos(\theta) = \frac{s}{k}$