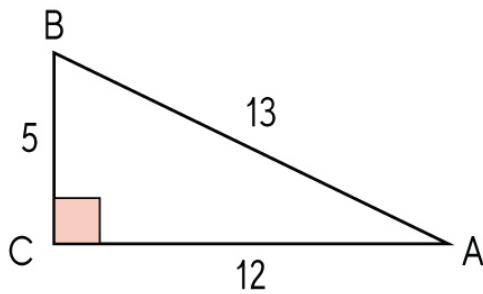


FINDING TRIGONOMETRIC RATIOS

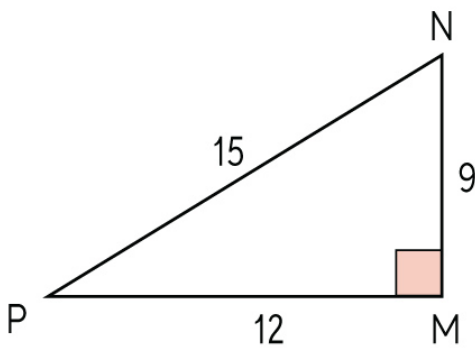
Find each of the following trigonometric ratio for the given right triangles

1



- a $\sin A =$
- b $\cos A =$
- c $\cos B =$
- d $\tan B =$
- e $\tan A =$
- f $\sin B =$

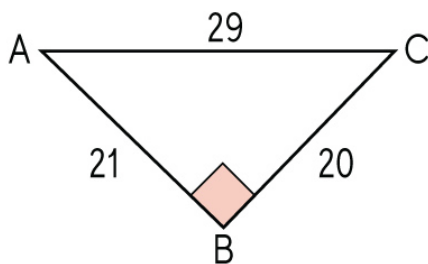
2



- a $\sin P =$
- b $\cos N =$
- c $\tan N =$
- d $\sin N =$
- e $\cos P =$
- f $\tan P =$

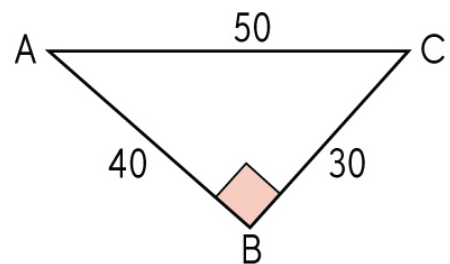
Find the value of each trigonometric ratio to the nearest ten-thousandth

3



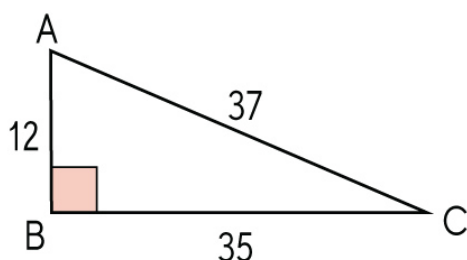
$\tan C =$ _____

4



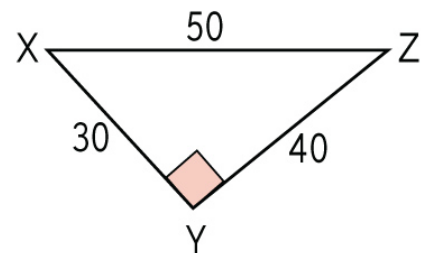
$\tan C =$ _____

5



$\tan C =$ _____

6

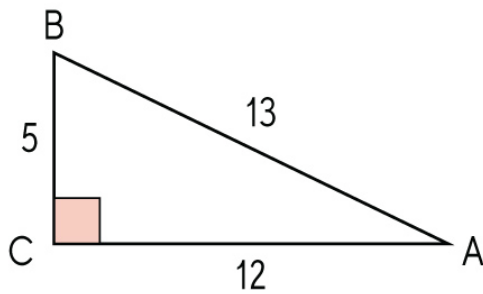


$\sin Z =$ _____

FINDING TRIGONOMETRIC RATIOS

Answers

1



a $\sin A = \frac{5}{13}$

d $\tan B = \frac{12}{5}$

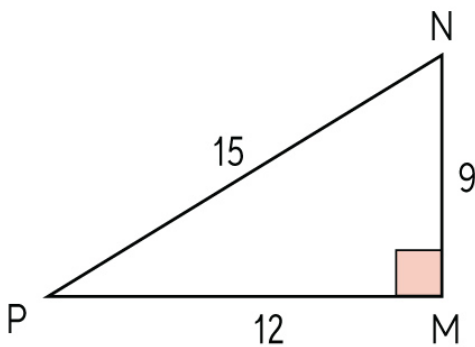
b $\cos A = \frac{12}{13}$

e $\tan A = \frac{5}{12}$

c $\cos B = \frac{5}{13}$

f $\sin B = \frac{12}{13}$

2



a $\sin P = \frac{9}{15}$

d $\sin N = \frac{12}{15}$

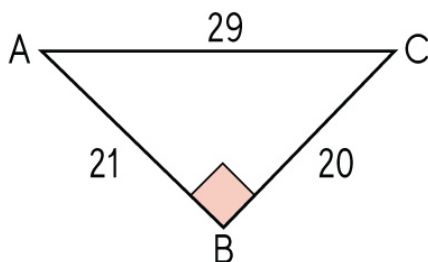
b $\cos N = \frac{9}{15}$

e $\cos P = \frac{12}{15}$

c $\tan N = \frac{12}{9}$

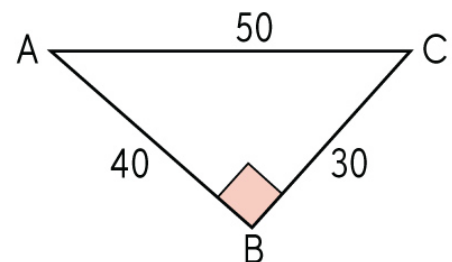
f $\tan P = \frac{9}{12}$

3



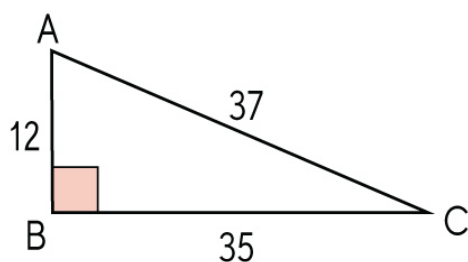
$$\tan C = 1.0500$$

4



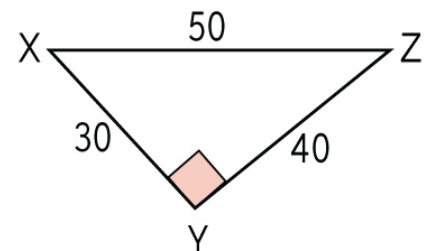
$$\tan C = 1.3333$$

5



$$\tan C = 0.3428$$

6



$$\sin Z = 0.6000$$