Name : _____

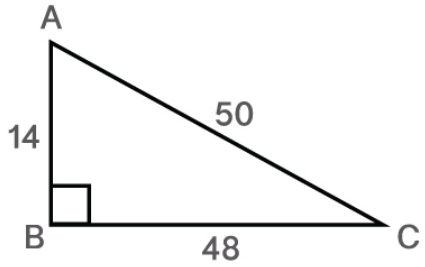
Date : _____ Score : _____

MATH MONKS

Finding Trigonometric Ratios

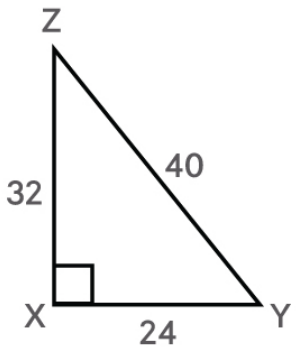
Find the value of each trigonometric ratio.

1



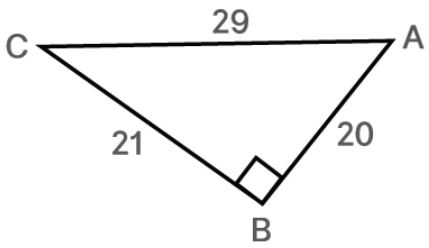
sin C = _____

2



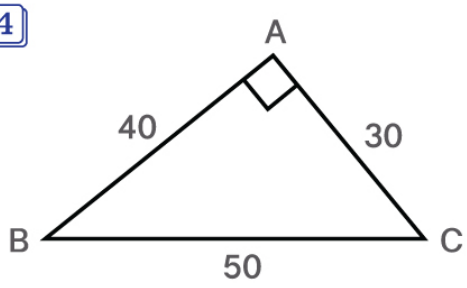
sin Z = _____

3



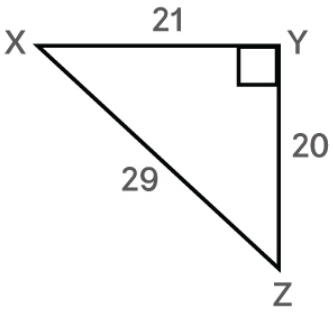
tan A = _____

4



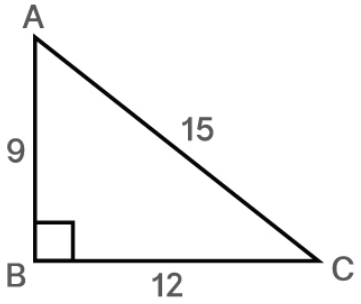
tan B = _____

5



cos X = _____

6



cos C = _____

Use a calculator to find the value of each to the nearest ten-thousandth

7 sin 77° = _____

8 tan 17° = _____

Name : _____

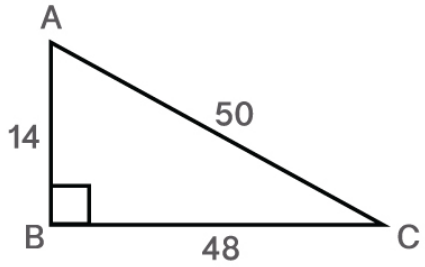
Date : _____ Score : _____

MATH MONKS

Finding Trigonometric Ratios

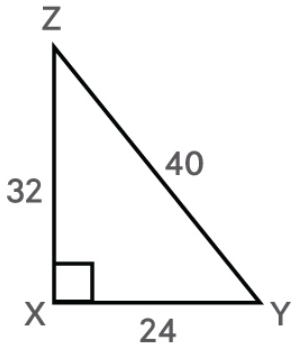
Answers

1



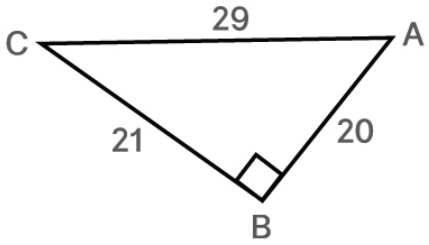
sin C = $\frac{7}{25}$

2



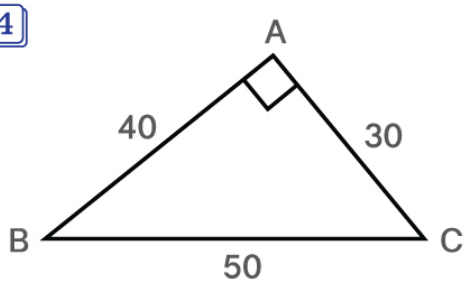
sin Z = $\frac{3}{5}$

3



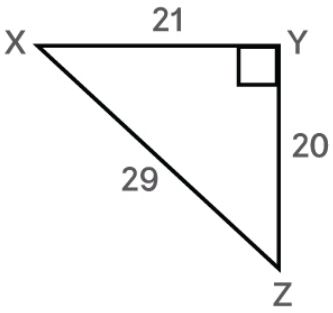
tan A = $\frac{21}{20}$

4



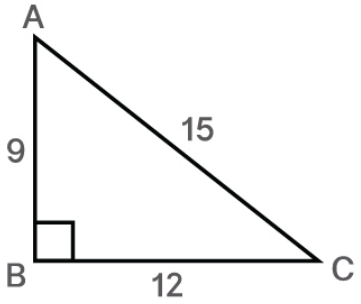
tan B = $\frac{3}{4}$

5



cos X = $\frac{21}{29}$

6



cos C = $\frac{4}{5}$

7 sin 77° = 0.9744

8 tan 17° = 0.3057