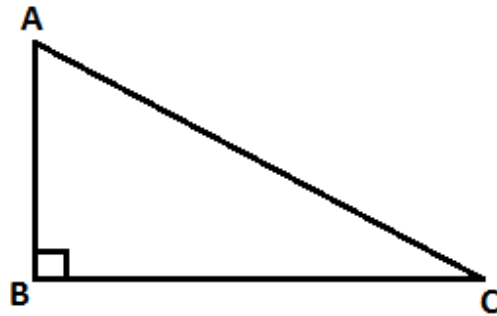


Student Name: _____

Score: _____

Trigonometric ratios of a triangle

Sheet 1



Find the trigonometry ratios for the following in terms of line segments:

$$\sin A = \frac{BC}{AC}$$

$$\cos C =$$

$$\csc A =$$

$$\tan C =$$

$$\sec C =$$

$$\cot A =$$

$$\cot C =$$

$$\csc C =$$

$$\sin C =$$

$$\sec A =$$

$$\tan A =$$

$$\cos A =$$

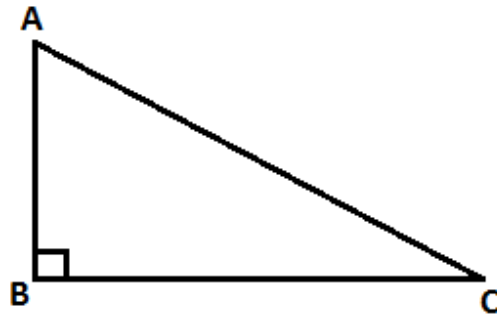
Student Name: _____

Score: _____

Answer key

Trigonometric ratios of a triangle

Sheet 1



Find the trigonometry ratios for the following in terms of line segments:

$$\sin A = \frac{BC}{AC}$$

$$\cos C = \frac{BC}{AC}$$

$$\csc A = \frac{AC}{BC}$$

$$\tan C = \frac{AB}{BC}$$

$$\sec C = \frac{AC}{BC}$$

$$\cot A = \frac{AB}{BC}$$

$$\cot C = \frac{BC}{AB}$$

$$\csc C = \frac{AC}{AB}$$

$$\sin C = \frac{AB}{AC}$$

$$\sec A = \frac{AC}{AB}$$

$$\tan A = \frac{BC}{AB}$$

$$\cos A = \frac{AB}{AC}$$