

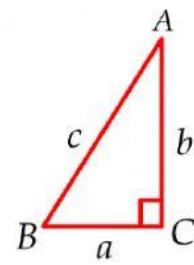
TRIGONOMETRIC RATIOS

For any right triangle ABC, with C as the right angle and c as the hypotenuse,

$$\sin A = \frac{\text{opposite side}}{\text{hypotenuse}} = \frac{a}{c}$$

$$\cos A = \frac{\text{adjacent side}}{\text{hypotenuse}} = \frac{b}{c}$$

$$\tan A = \frac{\text{opposite side}}{\text{adjacent side}} = \frac{a}{b}$$



USE TRIANGLE ABC TO GIVE THE FOLLOWING TRIGONOMETRIC RATIOS

$$\sin A =$$

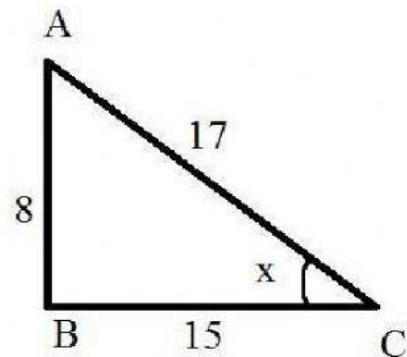
$$\cos A =$$

$$\tan A =$$

$$\sin C =$$

$$\cos C =$$

$$\tan C =$$



USE TRIANGLE HJG TO GIVE THE FOLLOWING TRIGONOMETRIC RATIOS

$$\sin H =$$

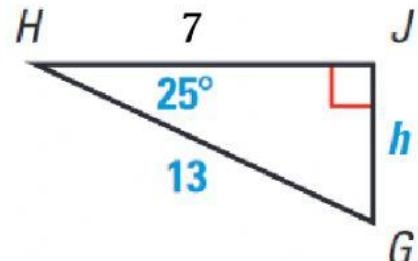
$$\sin G =$$

$$\cos H =$$

$$\cos G =$$

$$\tan H =$$

$$\tan G =$$



USE TRIANGLE DFG TO GIVE THE FOLLOWING TRIGONOMETRIC RATIOS

$$\cos G =$$

$$\tan D =$$

$$\cos D =$$

$$\sin G =$$

$$\tan G =$$

$$\sin D =$$

