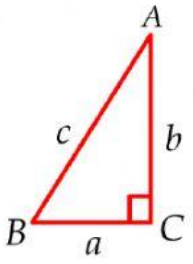
TRIGONOMETRIC RATIOS

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

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

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

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



USE TRIANGLE ABC TO GIVE THE FOLLOWING TRIGONOMETRIC RATIOS

Sin A =

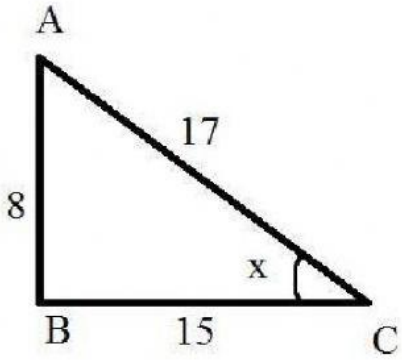
Cos A =

Tan A =

Sin C =

Cos C =

Tan C =



USE TRIANGLE HJG TO GIVE THE FOLLOWING TRIGONOMETRIC RATIOS

Sin H =

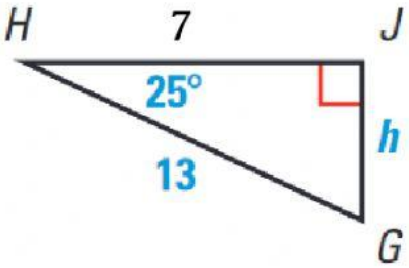
Sin G =

Cos H =

Cos G =

Tan H =

Tan G =



USE TRIANGLE DFG TO GIVE THE FOLLOWING TRIGONOMETRIC RATIOS

Cos G =

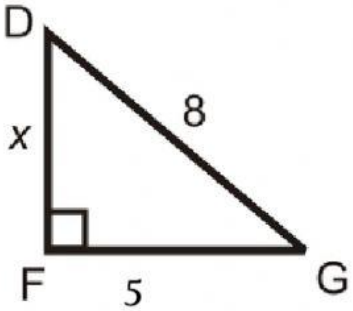
Tan D =

Cos D =

Sin G =

Tan G =

Sin D =



LIVEWORKSHEETS