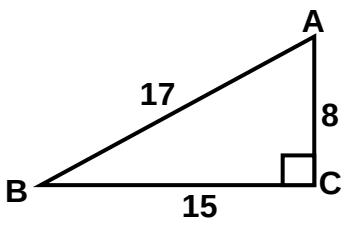
# Independent Practice: **TRIGONOMETRIC RATIOS**

NAME: _____ DATE:_____ PERIOD:_____

*Use the diagram to express each ratio as a fraction.*




1. _____ sin A =

2. _____ cos A =

3. _____ tan A =

4. _____ sin B =

5. _____ cos B =

6. _____ tan B =

*Find each of the following using a trig table.*

7. _____ sin 3° =

8. _____ cos 30° = 

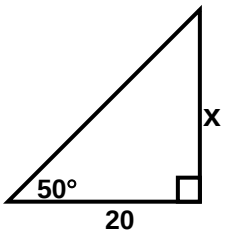
9. _____ tan 48° =

10. _____ sin 79° =

*Set up an equation and solve for x.*

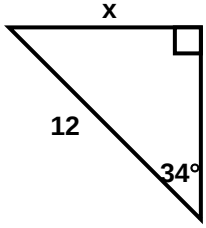
11. Equation: _____

    Answer:_____



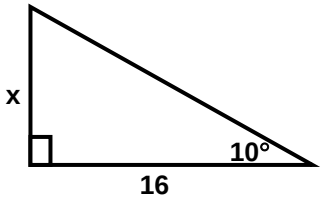

12. Equation:_____

    Answer:_____



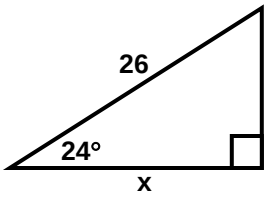
13. Equation:_____

    Answer:_____




14. Equation:_____

    Answer:_____

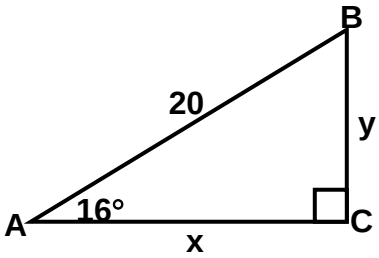



*Find the indicated measures.*

15. m∠B = _____

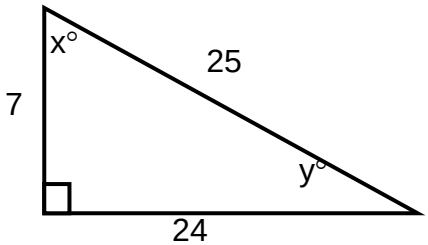
    x = _____

    y = _____




*Find the correct answer for each of the following. Clearly circle/bubble in your answer as necessary. <u>Work must be shown to receive credit</u>!*

16. Which of the following is not a correct trigonometric equation using the triangle below?




A. $\sin x = \frac{24}{25}$

B. $\cos y = \frac{24}{25}$

C. $\tan x = \frac{7}{25}$

D. Not Here