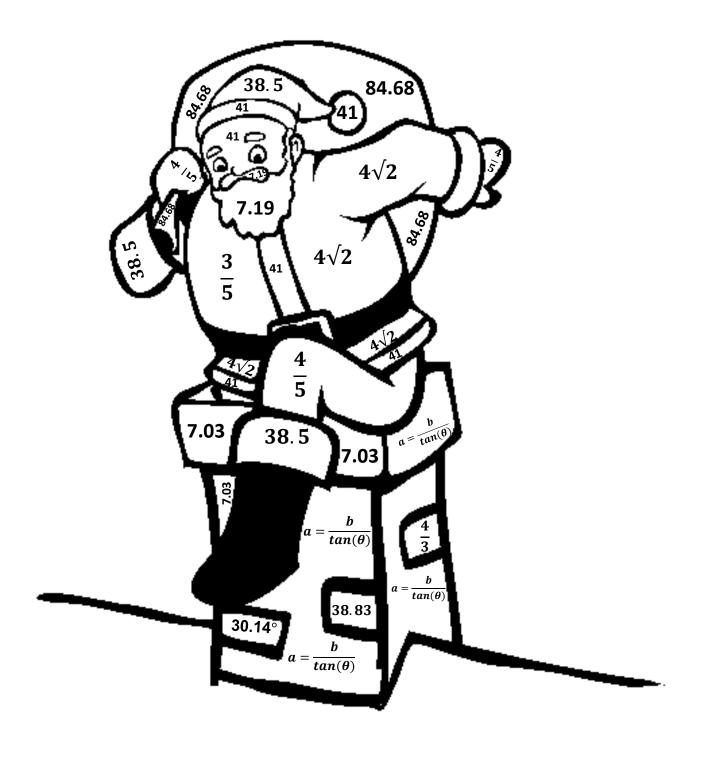
Name: __

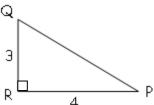
Period: _____ Date: _____

COLOR BY CODES TRIGONOMETRY

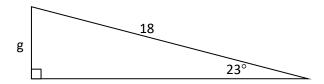


Answer the questions. Color "Santa on the Chimney" according to your answers.

Use the figure below for 1 - 3.

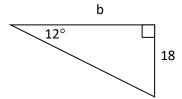


- **1.** sin(P) = **(RED)**
- **2.** cos(P) = (GREEN)
- **3.** tan(Q) = ______ (ORANGE)
- **4.** Find the value of g in the figure given below. Round your answer to the nearest hundredths. **(BROWN)**



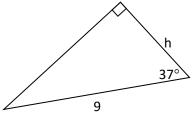
g =_____

5. Find the value of b in the figure given below. Round your answer to the nearest hundredths. **(YELLOW)**



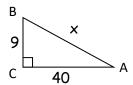
 $b = \underline{\hspace{1cm}}$

6. Find the value of h in the figure given below. Round your answer to the nearest hundredths. (GREY)



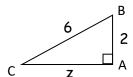
 $h = \underline{\hspace{1cm}}$

7. Find the value of x in the figure given below. **(WHITE)**



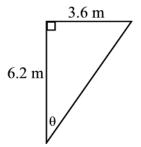
 $x = \underline{\hspace{1cm}}$

8. Find the value of z in the figure given below. **(RED)**



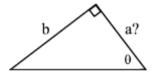
 $z = \underline{\hspace{1cm}}$

9. Find the value of θ in the figure given below. **(ORANGE)**



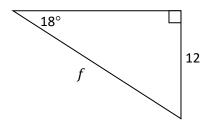
 $\theta =$ _____

10. Write an expression for the variable with the question mark in terms of the other variables given. **(BROWN)**



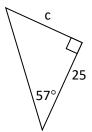
a = _____

11. Find the value of f in the figure given below. **(ORANGE)**



 $f = \underline{\hspace{1cm}}$

12. Find the value of c in the figure given below. **(RED)**



 $c = \underline{\hspace{1cm}}$