$\qquad$
$\qquad$ Date: $\qquad$

## COLOR BY CODES TRIGONOMETRY



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

Use the figure below for 1 - 3 .


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

$g=$ $\qquad$
5. Find the value of $b$ in the figure given below. Round your answer to the nearest hundredths. (YELLOW)

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

$h=$ $\qquad$
7. Find the value of $x$ in the figure given below. (WHITE)

$x=$ $\qquad$
8. Find the value of $z$ in the figure given below. (RED)

$z=$ $\qquad$
9. Find the value of $\theta$ in the figure given below. (ORANGE)

$\theta=$ $\qquad$
10. Write an expression for the variable with the question mark in terms of the other variables given. (BROWN)

$a=$ $\qquad$
11. Find the value of $f$ in the figure given below. (ORANGE)


$$
f=
$$

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


$$
c=
$$

$\qquad$

