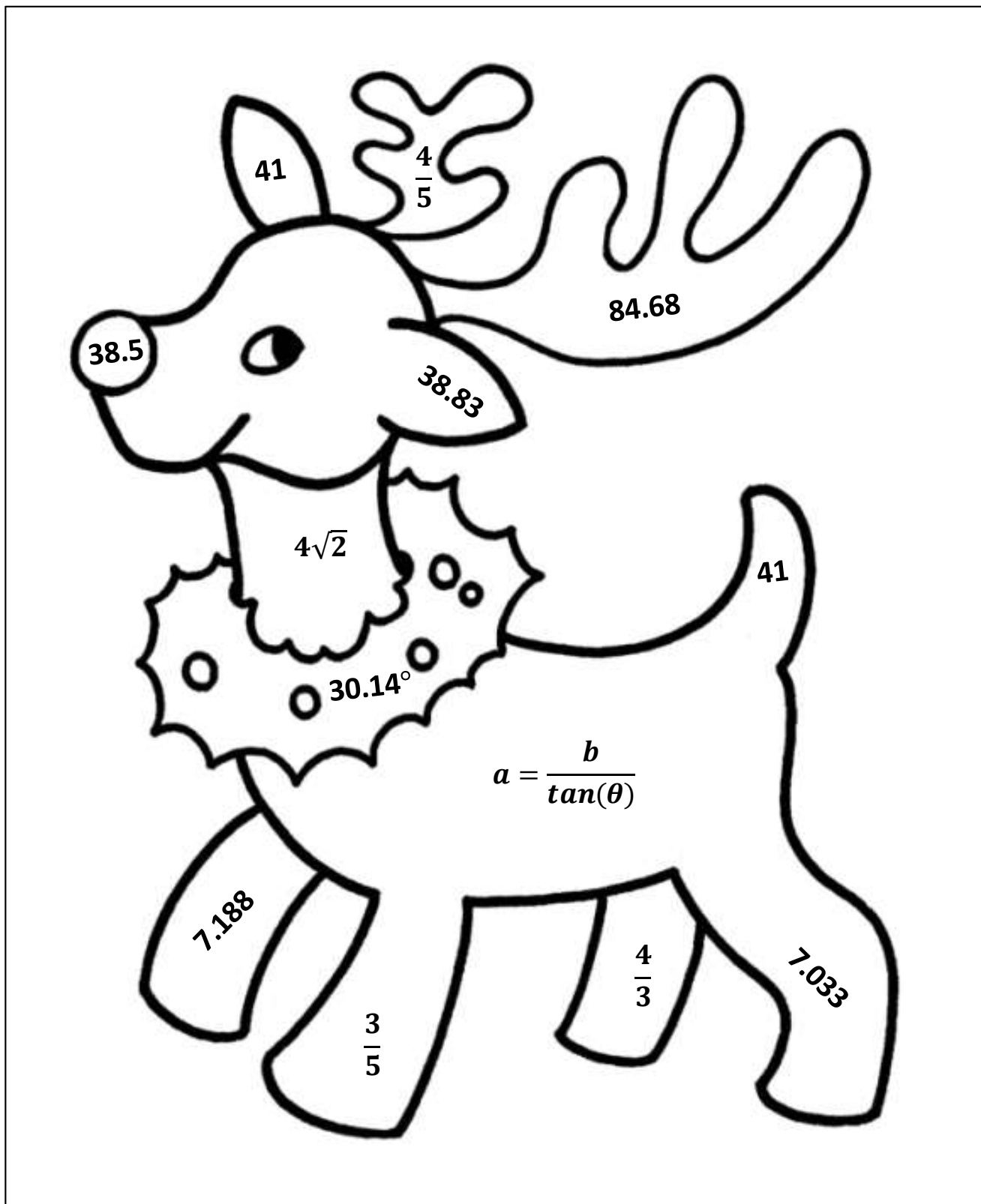


Name: _____

Period: _____

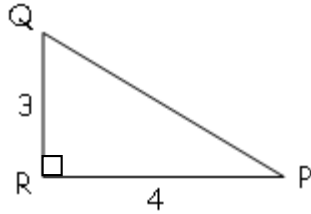
Date: _____

COLOR BY CODES TRIGONOMETRY



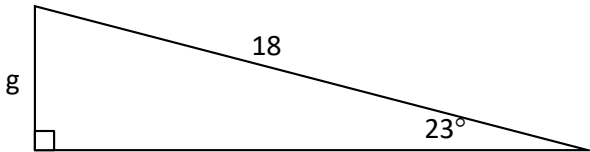
Answer the questions - find your answer on the Reindeer - color according to your answers.

Use the figure below for 1 – 3.



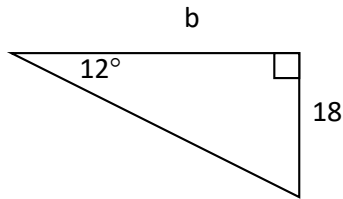
1. $\sin(P) =$ _____ (BROWN)
2. $\cos(P) =$ _____ (GREY)
3. $\tan(Q) =$ _____ (LIGHT BROWN)

4. Find the value of g in the figure given below. (BROWN)



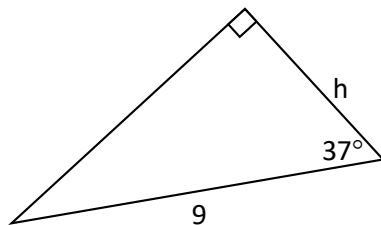
$g =$ _____

5. Find the value of b in the figure given below. (BLACK)



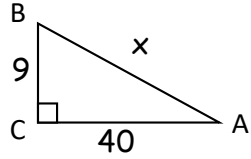
$b =$ _____

6. Find the value of h in the figure given below. (LIGHT BROWN)



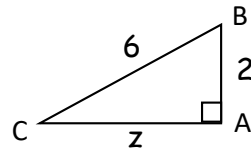
$h =$ _____

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



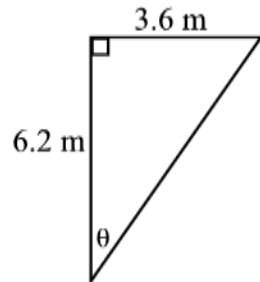
$x =$ _____

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



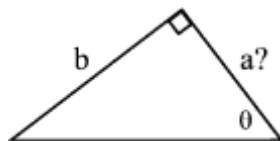
$z =$ _____

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



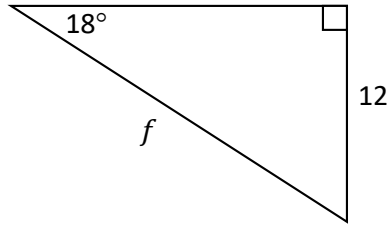
$\theta =$ _____

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



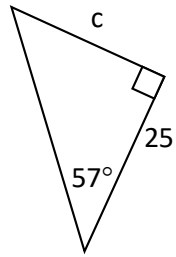
$a =$ _____

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



$f = \underline{\hspace{2cm}}$

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



$c = \underline{\hspace{2cm}}$



Answers:

1. $\frac{3}{5}$
2. $\frac{4}{5}$
3. $\frac{4}{3}$
4. 7.033
5. 84.68
6. 7.188
7. 41
8. $4\sqrt{2}$
9. 30.14°
10. $a = \frac{b}{\tan(\theta)}$
11. 38.83
12. 38.5