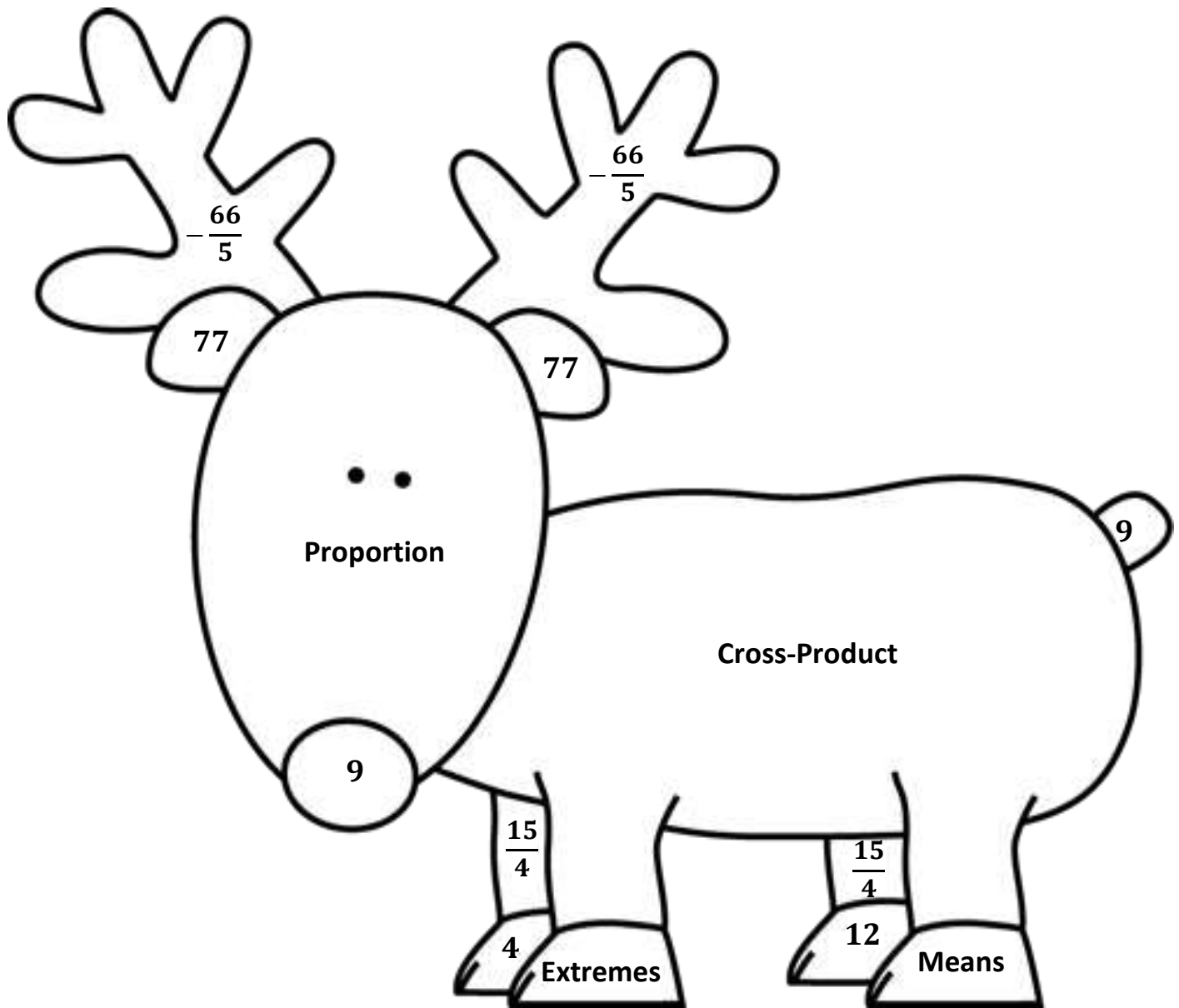


2-7 Solving Proportions - Christmas Color Match Activity



Directions: Answer the questions. Find your answer on the Christmas Reindeer, then color according to your answers.

1. An equation having two equal ratios is known as _____. **(ORANGE)**

2. In the proportion $\frac{a}{b} = \frac{c}{d}$, b and c are termed as _____. **(RED)**

3. In the proportion $\frac{a}{b} = \frac{c}{d}$, a and d are termed as _____. **(YELLOW)**

4. The solution of the equation $\frac{x}{15} = \frac{4}{5}$ is _____. **(YELLOW)**

5. In a proportion, the product of extremes is equal to the product of means by _____ property. **(BROWN)**

6. Solving the equation $\frac{2}{9} = \frac{k}{18}$ gives _____. **(RED)**

7. Solving the equation $\frac{y}{3} = \frac{5}{4}$ gives _____. **(BROWN)**

8. Solving the equation $\frac{p}{12} = \frac{3}{4}$ gives _____. **(GREEN)**

9. Solving the equation $\frac{11}{5} = \frac{s}{-6}$ gives _____. **(GREY)**

10. The windows on a building are proportional to the size of the building. The height of each window is 18 inches, and the width is 11 inches. If the height of the building is 126 feet, what is the width of the building in inches? **(RED)**