2-9 Percentages - Christmas Color Match Activity

$175

$a = p\% \cdot b$

Percentage

Base

45

45

1.3

1.3

33.33%

100

$175

$175

25%

25%

80

$175

80
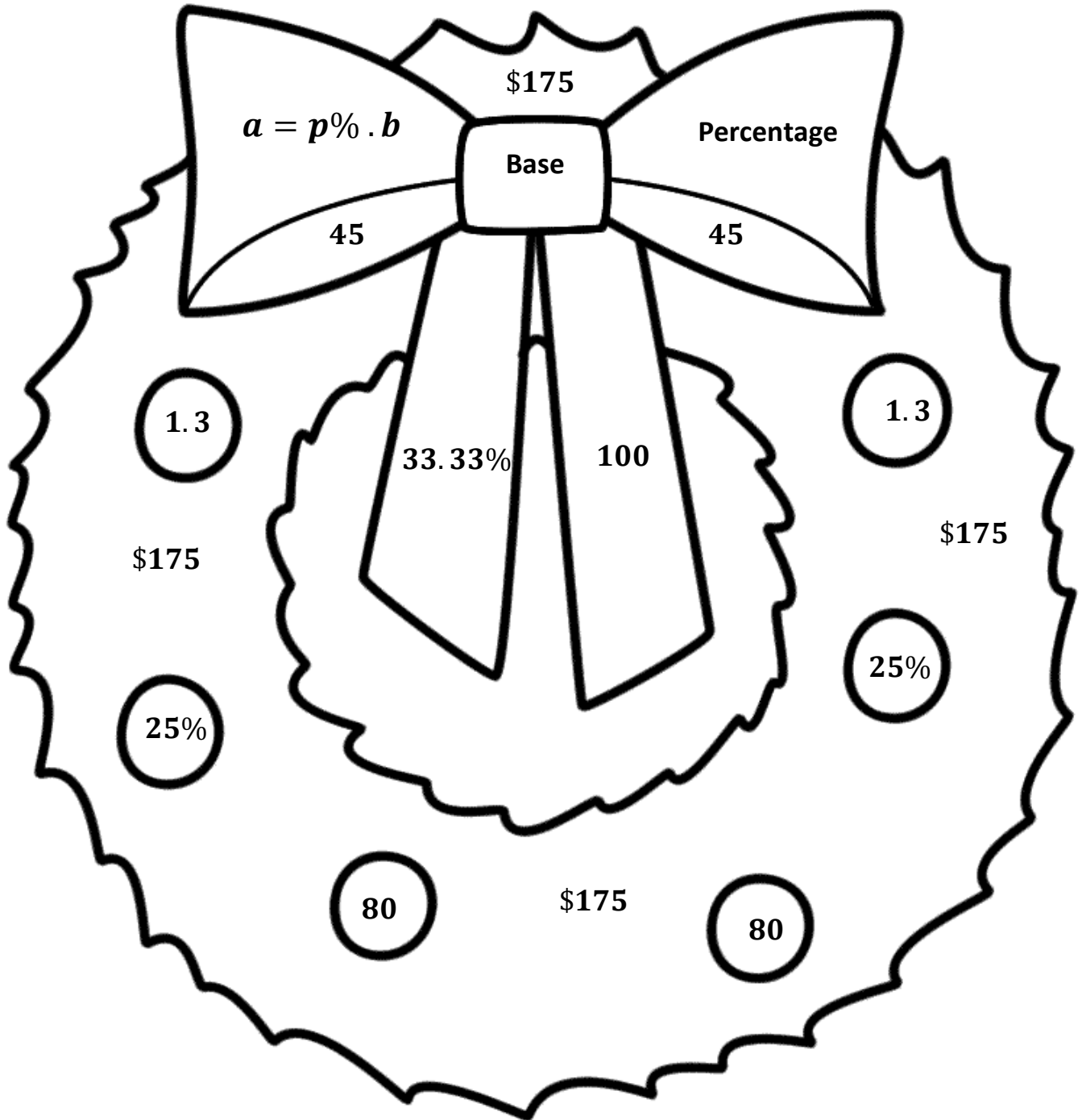
Directions: Answer the questions. Find your answer on the WREATH, then color according to your answers.

1. The ratio of part to whole is known as a _____. **(GREEN)**

2. 1 percent means 1 part out of _____ parts. **(RED)**

3. The statement "a is p percent of b" can be represented mathematically as _____. **(YELLOW)**

4. What percent of 36 is 12? **(RED)**

5. The equation $b = \frac{a}{p} \cdot 100$ is to used find the _____. **(ORANGE)**

6. 15% percent of what number is 6.75? **(BROWN)**

7. What is 6.5% of 20? **(BLUE)**

8. What percent of 48 is 12? **(PURPLE)**

9. 5% of what number is 4? **(RED)**

10. A dining table with a set of chairs that costs $250 are on sale for 30% of the regular price. What is the sales price of the dining table and the set of chairs? **(YELLOW)**