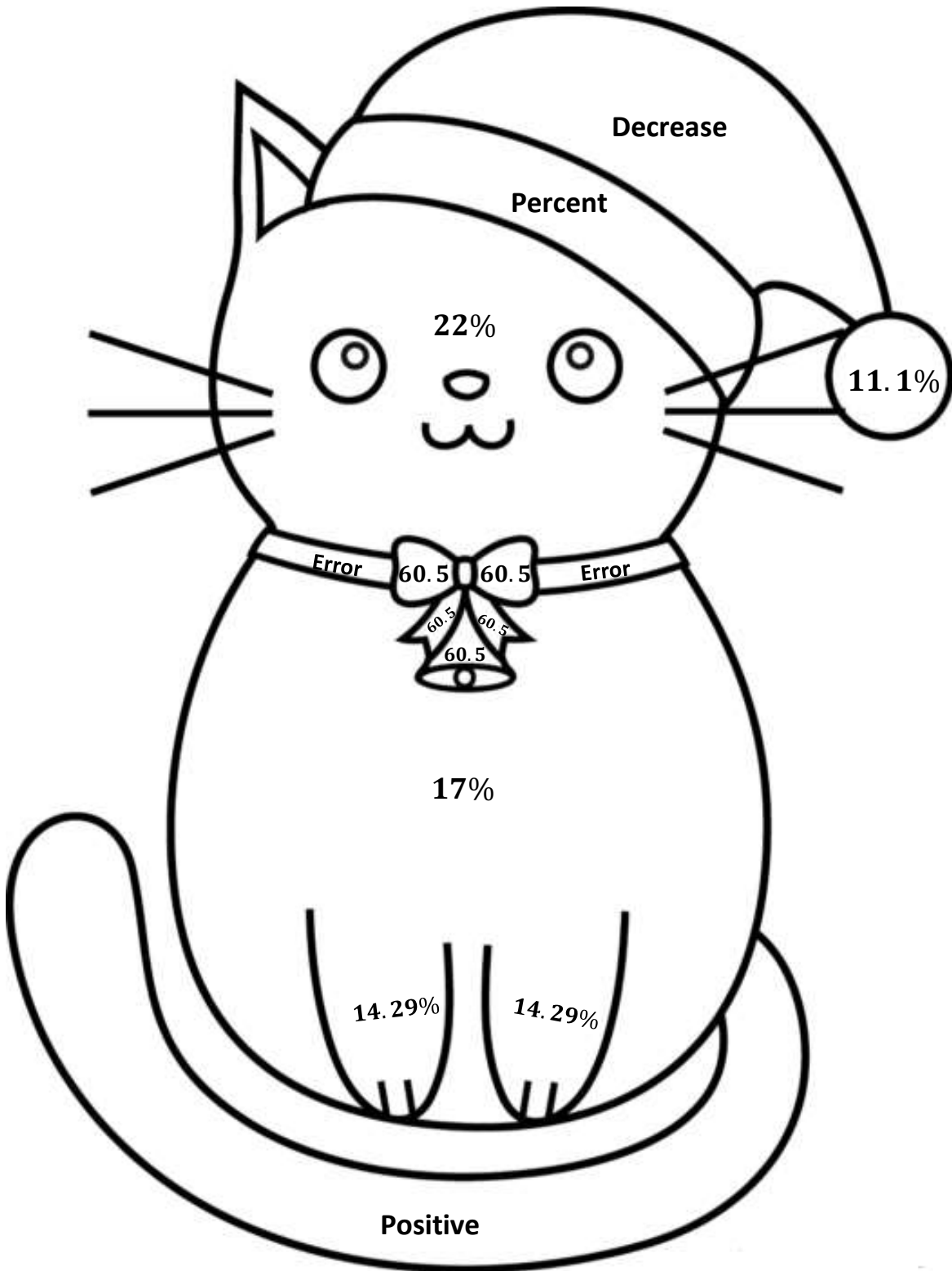


2-10 Change Expressed as a Percent - Christmas Color Match Activity



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

1. The ratio of the amount of change to the original amount expressed as a percentage is known as the _____ change. **(RED)**
2. If the percentage change is _____, there is a percent increase. **(YELLOW)**
3. If the percentage change is negative, there is a percent _____. **(GREEN)**
4. The price of a watch changed from \$45 to \$50 in one year. What is the percent change in the price of the watch? **(BLUE)**
5. The ratio of the absolute value of the difference between the estimated value and an actual/measured value compared to the actual value, represented as a percentage is known as percent _____. **(ORANGE)**
6. A decorator estimates that a rectangular rug is 5 ft. by 7 ft. The actual dimensions of the rug are 5 ft. by 8 ft. What is the percent error in the estimated area? **(ORANGE)**
7. A student's height is measured as 60 inches to the nearest inch. What is the maximum possible height (in inches) of the student? **(GREEN)**
8. Adams bought a suit from a shop for \$35. Jack found the same suit on another shop for \$29. What is the percent decrease to the nearest percent? **(ORANGE)**
9. John estimated the height of a tree to be 45 ft. The actual height of the tree was 58 ft. What is the percent error in the estimation rounded to the nearest percent? **(YELLOW)**