



# Winter Holiday Math & Reading

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 5

## Part A: Fill in the Blank

Write the missing word or number on each line.

1. A holiday punch recipe uses 3 cups of juice for every 1 cup of soda. For 20 cups total, you need \_\_\_\_\_ cups of juice.
2. Out of 40 party guests,  $\frac{3}{8}$  chose hot cocoa. That means \_\_\_\_\_ guests chose hot cocoa.
3. A class voted on winter activities: 12 chose sledding, 8 chose skating, and 10 chose snowball fights. The \_\_\_\_\_ of these three numbers is 10.
4. If 5 friends share 3 pizzas equally, each person gets \_\_\_\_\_ of a pizza.
5. A bag has 6 red ornaments and 4 gold ornaments. The ratio of red to gold is 6 to 4, which simplifies to \_\_\_\_\_ to 2.
6. A chart shows snowfall totals of 4, 7, 3, and 6 inches over four days. The total snowfall is \_\_\_\_\_ inches.
7. If 60% of 50 students brought holiday cards, then \_\_\_\_\_ students brought cards.
8. A comparison of two quantities using division is called a \_\_\_\_\_.
9. The number that appears most often in a data set is called the \_\_\_\_\_.

## Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

The average of a data set	→ _____	Mode
The middle value when data is ordered	→ _____	Range
The difference between the highest and lowest values	→ _____	Median

**Part A: Fill in the Blank**

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Write the missing word or number on each line.

1. A holiday punch recipe uses 3 cups of juice for every 1 cup of soda. For 20 cups total, you need 15 cups of juice.
2. Out of 40 party guests,  $\frac{3}{8}$  chose hot cocoa. That means 15 guests chose hot cocoa.
3. A class voted on winter activities: 12 chose sledding, 8 chose skating, and 10 chose snowball fights. The mean of these three numbers is 10.
4. If 5 friends share 3 pizzas equally, each person gets  $\frac{3}{5}$  of a pizza.
5. A bag has 6 red ornaments and 4 gold ornaments. The ratio of red to gold is 6 to 4, which simplifies to 3 to 2.
6. A chart shows snowfall totals of 4, 7, 3, and 6 inches over four days. The total snowfall is 20 inches.
7. If 60% of 50 students brought holiday cards, then 30 students brought cards.
8. A comparison of two quantities using division is called a ratio.
9. The number that appears most often in a data set is called the mode.

**Part B: Matching**

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Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

The average of a data set	→ <u>Mean</u>	Mode
The middle value when data is ordered	→ <u>Median</u>	Range
The difference between the highest and lowest values	→ <u>Range</u>	Median
The value that appears most often	→ <u>Mode</u>	Mean