



# Data Interpretation

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

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

Grade: Grade 5

## Part A: Multiple Choice

Circle the best answer for each question.

1. A pie chart shows pets: 50% dogs, 30% cats, 20% fish out of 60 pets. How many cats?

- A) 18 cats
- B) 20 cats
- C) 15 cats
- D) 12 cats

2. Sales rose from 100 in week 1 to 160 in week 4. Average weekly increase?

- A) 15
- B) 20
- C) 25
- D) 30

3. A double bar graph: math 80, reading 65 for class A; math 70, reading 75 for class B. Which class scored higher overall?

- A) Class B by 5
- B) Same total
- C) Class A by 5
- D) Class A by 10

4. A line graph drops from 90 to 60 in five days. What is the average daily decrease?

- A) 5
- B) 4
- C) 8
- D) 6

## Part B: Fill in the Blank

Write the correct answer on each line.

1. A pie chart slice labeled 75% covers \_\_\_\_\_ fourths of the whole circle.
2. If 40% of 150 students walk, then \_\_\_\_\_ students walk to school.
3. A trend that doubles each step from 3 gives the values 3, 6, 12, \_\_\_\_\_.
4. If percents on a pie chart are 35, 25, and \_\_\_\_\_, the third must be 40.
5. If a line graph shows rainfall rising by 2 mm each day from 5 mm, day 4 shows \_\_\_\_\_ mm.

**Part A: Multiple Choice**

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- A) 5
- B) 4
- C) 8
- D) 6

**Part B: Fill in the Blank**

Write the correct answer on each line.

1. A pie chart slice labeled 75% covers three fourths of the whole circle.
2. If 40% of 150 students walk, then 60 students walk to school.
3. A trend that doubles each step from 3 gives the values 3, 6, 12, 24.
4. If percents on a pie chart are 35, 25, and 40, the third must be 40.
5. If a line graph shows rainfall rising by 2 mm each day from 5 mm, day 4 shows 11 mm.