



# Grade 6

## Topic: Percents

### Instructions

Read each question carefully and solve using your understanding of percents. Convert between fractions, decimals, and percents as needed. Show your working clearly and write your final answers in the space provided.

### Part A: Understanding Percents

1. What percent of 100 is 45?
2. What is 50% of 80?
3. Shade 25% of the square. (*Teacher may provide a blank square.*)
4. Write 0.6 as a percent.
5. Write  $\frac{3}{4}$  as a percent.

## Part B: Finding the Percent of a Number

1. Find 10% of 150.
2. Find 25% of 60.
3. What is 30% of 200?
4. A book costs \$120. What is 20% of the price?
5. A student got 18 out of 20 questions correct. What percent did the student score?

## Part C: Word Problems

1. A shirt is marked 40% off. If the original price is \$50, how much is the discount?
2. Sarah scored 75% on a test with 80 marks. How many marks did she get?
3. 60% of the students in a class are girls. If there are 30 students, how many are girls?
4. A bag has 20 marbles. If 25% are red, how many red marbles are there?
5. A school has 500 students. If 10% are absent, how many students are absent?

## Part D: Converting Between Forms

1. Convert 65% to a fraction in simplest form.
2. Convert 90% to a decimal.
3. Write the decimal 0.25 as a percent.
4. Write  $\frac{1}{5}$  as a percent.
5. Convert 0.875 to a percent.

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