



# Converting Fractions and Decimals

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

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

Grade: Grade 5

## Part A: Fill in the Blank

Write the missing word or number on each line.

1. In Grade 5, the fraction  $7/10$  written as a decimal using tenths place value is exactly \_\_\_\_\_ in standard form.
2. A Grade 5 student converts  $23/100$  to a decimal using hundredths place value and writes the answer as \_\_\_\_\_ exactly.
3. Grade 5 learners write  $156/1000$  as a decimal using thousandths place value and the correct decimal form is \_\_\_\_\_.
4. When a Grade 5 student writes  $9/100$  as a decimal, they include a zero placeholder so the answer becomes \_\_\_\_\_ exactly.
5. A Grade 5 student rewrites the fraction  $4/10$  as an equivalent fraction with denominator 100, getting \_\_\_\_\_ as the result.
6. In Grade 5, the fraction  $80/100$  simplified to lowest terms gives \_\_\_\_\_ as the simplest form fraction answer.
7. A Grade 5 student converts the decimal 0.9 to a fraction with denominator 10 and writes the answer as \_\_\_\_\_ exactly.
8. Grade 5 learners write the decimal 0.45 as a fraction with denominator 100 and the correct equivalent fraction is \_\_\_\_\_.
9. When a Grade 5 student converts  $250/1000$  to simplest form, dividing top and bottom carefully, the final answer is \_\_\_\_\_.

## Part B: Matching

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

1. Match each item to its correct answer.

Grade 5: $3/10$ as a decimal	→ _____	0.3
Grade 5: $47/100$ as a decimal	→ _____	0.47

## Answer Key · Converting Fractions and Decimals · Grade: Grade 5

---

### Part A: Fill in the Blank

---

Write the missing word or number on each line.

1. In Grade 5, the fraction  $7/10$  written as a decimal using tenths place value is exactly 0.7 in standard form.
2. A Grade 5 student converts  $23/100$  to a decimal using hundredths place value and writes the answer as 0.23 exactly.
3. Grade 5 learners write  $156/1000$  as a decimal using thousandths place value and the correct decimal form is 0.156.
4. When a Grade 5 student writes  $9/100$  as a decimal, they include a zero placeholder so the answer becomes 0.09 exactly.
5. A Grade 5 student rewrites the fraction  $4/10$  as an equivalent fraction with denominator 100, getting 40/100 as the result.
6. In Grade 5, the fraction  $80/100$  simplified to lowest terms gives 4/5 as the simplest form fraction answer.
7. A Grade 5 student converts the decimal 0.9 to a fraction with denominator 10 and writes the answer as 9/10 exactly.
8. Grade 5 learners write the decimal 0.45 as a fraction with denominator 100 and the correct equivalent fraction is 45/100.
9. When a Grade 5 student converts  $250/1000$  to simplest form, dividing top and bottom carefully, the final answer is 1/4.

### Part B: Matching

---

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

1. Match each item to its correct answer.

Grade 5: $3/10$ as a decimal	→ <u>0.3</u>	0.3
Grade 5: $47/100$ as a decimal	→ <u>0.47</u>	0.47