



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 $5/10$ written as an equivalent fraction with denominator 100 is _____ on a number line marked in hundredths.
2. A Grade 5 student plots 0.3 on a number line and writes the equivalent fraction with denominator 10 as _____ exactly.
3. Grade 5 learners convert 0.50 and 0.5 to fractions on a number line and write the simplest form as _____ for both.
4. When a Grade 5 student locates 0.7 on a number line, the equivalent fraction with denominator 10 written down is _____ exactly.
5. In Grade 5, 0.4 and $4/10$ are equivalent; the simplest form fraction the student records on the worksheet is _____ in the end.
6. A Grade 5 student plots 0.25 on a number line marked in hundredths and writes the simplest form fraction as _____ exactly.
7. Grade 5 learners write the decimal 0.8 as a fraction with denominator 10 first, then simplify the answer to _____ in lowest terms.
8. When a Grade 5 student converts $9/10$ to an equivalent fraction with denominator 100, the equivalent fraction written is _____ exactly.
9. A Grade 5 student notices 0.2 and $2/10$ share a number line position; the simplest form fraction recorded is _____ in lowest terms.

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: 0.5 simplest fraction	→ _____	$1/2$
Grade 5: 0.4 simplest fraction	→ _____	$2/5$

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 $5/10$ written as an equivalent fraction with denominator 100 is $50/100$ on a number line marked in hundredths.
2. A Grade 5 student plots 0.3 on a number line and writes the equivalent fraction with denominator 10 as $3/10$ exactly.
3. Grade 5 learners convert 0.50 and 0.5 to fractions on a number line and write the simplest form as $1/2$ for both.
4. When a Grade 5 student locates 0.7 on a number line, the equivalent fraction with denominator 10 written down is $7/10$ exactly.
5. In Grade 5, 0.4 and $4/10$ are equivalent; the simplest form fraction the student records on the worksheet is $2/5$ in the end.
6. A Grade 5 student plots 0.25 on a number line marked in hundredths and writes the simplest form fraction as $1/4$ exactly.
7. Grade 5 learners write the decimal 0.8 as a fraction with denominator 10 first, then simplify the answer to $4/5$ in lowest terms.
8. When a Grade 5 student converts $9/10$ to an equivalent fraction with denominator 100, the equivalent fraction written is $90/100$ exactly.
9. A Grade 5 student notices 0.2 and $2/10$ share a number line position; the simplest form fraction recorded is $1/5$ in lowest terms.

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: 0.5 simplest fraction	→ <u>$1/2$</u>	$1/2$
Grade 5: 0.4 simplest fraction	→ <u>$2/5$</u>	$2/5$