GRADE 7 MATH · CLASSWORK · ADVANCED

Write Rational Numbers in Decimal Form: Terminating Decimals

SCORE / 25

01 Part A · Practice

To write a fraction as a decimal, divide the numerator by the denominator; when the remainder becomes 0, the decimal terminates.

EXAMPLE

Write $\frac{7}{8}$ as a decimal.

1. $\frac{7}{8}$ means $7 \div 8$.
2. Divide: $7.000 \div 8 = 0.875$.
3. The remainder is 0, so 0.875 terminates.

1 ●○○ Write $39\frac{17}{20}$ as a decimal.

2 ●○○ Write $\frac{5}{8}$ as a decimal.

3 ●○○ Write $\frac{5}{8}$ as an equivalent fraction with denominator 1000. Then write it as a decimal.

4 ●○○ Write $\frac{22}{125}$ as an equivalent fraction with denominator 1000. Then write it as a decimal.

5 ●○○ Write $-10\frac{1}{20}$ as a decimal.

6 ●○○ Write $\frac{1}{8}$ as a decimal.

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Preview - the full worksheet and its answer key are at primeworksheet.com