GRADE 7 MATH · HOMEWORK · SPECIAL ED

Write Rational Numbers in Decimal Form: Repeating Decimals

SCORE / 25

01 Part A · Practice

When the remainders start to repeat, the digits of the quotient repeat; write a bar over the repeating block.

1 ●○○

Write $3\frac{1}{3}$ as a decimal.

HINT Keep the whole number. Divide to change the fraction part.

2 ●○○

Write the repeating decimal $0.88888888\ldots$ using bar notation.

HINT Find the digit or group of digits that keeps repeating.

3 ●○○

Write $4\frac{2}{3}$ as a decimal.

HINT Keep the whole number. Divide to change the fraction part.

4 ●○○

Write $4\frac{1}{3}$ as a decimal.

HINT Keep the whole number. Divide to change the fraction part.

5 ●○○

Write $4\frac{5}{9}$ as a decimal.

HINT Keep the whole number. Divide to change the fraction part.

6 ●○○

Write $\frac{1}{9}$ as a decimal. Use a bar over the repeating digits.

HINT Divide. Watch for a remainder that comes back again and again.

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