

Decimals: a little each night

Name: _____ Week of: _____

Complete one half-page each night. Show your thinking below each question.

MONDAY

Understanding thousandths

1. Write as a decimal: 406 thousandths = _____

2. Write 3.052 in expanded notation using decimals.

3. In 7.284, the digit 8 is in the _____ place.

Its value is _____.

TUESDAY

Terminating decimals

Write each fraction as a decimal. Show your work. No calculator.

1. $\frac{7}{20} =$ _____

2. $\frac{13}{25} =$ _____

3. Write $2 + \frac{3}{8}$ as a decimal: _____

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WEDNESDAY

Repeating decimals

Write each fraction as a decimal using bar notation. Show your work.

1. $\frac{2}{3} =$ _____

2. $\frac{5}{6} =$ _____

3. Is 0.272727... terminating or repeating? _____

THURSDAY

Comparing and rounding decimals

1. Insert $<$, $>$, or $=$: 6.305 _____ 6.35 4.70 _____ 4.7

2. Round 2.768 to the nearest:

whole number _____ tenth _____ hundredth _____

3. Write two different decimals that round to 3.6 to the nearest tenth.

_____ and _____