Math Practice - Grade 7

M2 Multiply and divide rational numbers, decimals, four operations - Write a fraction as a decimal

M2 7.NS.2, 7.NS.2a, 7.NS.2b, 7.NS.2c, 7.NS.2d, 7.NS.3

Name: _____ Date: _____

Write the fraction as a decimal. Say whether it terminates or repeats.

Example: Write 3/4 as a decimal. Does it terminate or repeat?

How: Divide the numerator by the denominator. If the remainder becomes 0, the decimal terminates. If a remainder repeats, the decimal repeats.

$\frac{3}{4}$ = 0.75 (Terminating)

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1 **Write 4/6 as a decimal. Does it terminate or repeat?**

$\frac{4}{6}$ = _____

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2 **Write 3/9 as a decimal. Does it terminate or repeat?**

$\frac{3}{9}$ = _____

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3 **Write 9/11 as a decimal. Does it terminate or repeat?**

$\frac{9}{11}$ = _____

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Name: _____ Date: _____

Write the fraction as a decimal. Say whether it terminates or repeats.

Example: Does 7/11 terminate or repeat?

How: Divide the numerator by the denominator. If the remainder becomes 0, the decimal terminates. If a remainder repeats, the decimal repeats.

Terminating

Repeating

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1 **Write 1/6 as a decimal. Does it terminate or repeat?**

$$\frac{1}{6} = \square$$

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2 **Write 4/11 as a decimal. Does it terminate or repeat?**

$$\frac{4}{11} = \square$$

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3 **Does 6/9 terminate or repeat?**

Terminating Repeating

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Name: _____ Date: _____

Write the fraction as a decimal. Say whether it terminates or repeats.

Example: Does 9/10 terminate or repeat?

How: Divide the numerator by the denominator. If the remainder becomes 0, the decimal terminates. If a remainder repeats, the decimal repeats.

Terminating

Repeating

1 **Write 1/4 as a decimal. Does it terminate or repeat?**

$$\frac{1}{4} = \square$$

2 **Write 1/10 as a decimal. Does it terminate or repeat?**

$$\frac{1}{10} = \square$$

3 **Does 2/6 terminate or repeat?**

Terminating Repeating