



Common Core Mathematics Practice for Grade 7

CCSS.Math.Content.7.NS.A.2.d - Worksheet #28226

Name: _____**Standard: CCSS.Math.Content.7.NS.A.2.d**

Description: Convert a rational number to a decimal using long division; know that the decimal form of a rational number terminates in 0s or eventually repeats.

Convert a mixed number to a terminating decimal:

1.

$$932 \\ 5 \text{ --- } = \\ 1000$$

6.

$$32 \\ 2 \text{ --- } = \\ 1000$$

2.

$$47 \\ 9 \text{ --- } = \\ 250$$

7.

$$420 \\ 4 \text{ --- } = \\ 1000$$

3.

$$12 \\ 5 \text{ --- } = \\ 20$$

8.

$$91 \\ 2 \text{ --- } = \\ 500$$

4.

$$1 \\ 5 \text{ --- } = \\ 2$$

9.

$$3 \\ 8 \text{ --- } = \\ 4$$

5.

$$176 \\ 5 \text{ --- } = \\ 625$$

10.

$$7961 \\ 3 \text{ --- } = \\ 10000$$

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