



Common Core Mathematics Practice for Grade 7

CCSS.Math.Content.7.NS.A.2.d - Worksheet #28255

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.

$$\begin{array}{r} 248 \\ 8 \overline{) } \\ \underline{400} \end{array}$$

6.

$$\begin{array}{r} 377 \\ 3 \overline{) } \\ \underline{500} \end{array}$$

2.

$$\begin{array}{r} 2 \\ 6 \overline{) } \\ \underline{250} \end{array}$$

7.

$$\begin{array}{r} 3589 \\ 1 \overline{) } \\ \underline{1000} \end{array}$$

3.

$$\begin{array}{r} 1776 \\ 4 \overline{) } \\ \underline{5000} \end{array}$$

8.

$$\begin{array}{r} 18 \\ 3 \overline{) } \\ \underline{20} \end{array}$$

4.

$$\begin{array}{r} 3509 \\ 5 \overline{) } \\ \underline{10000} \end{array}$$

9.

$$\begin{array}{r} 126 \\ 2 \overline{) } \\ \underline{500} \end{array}$$

5.

$$\begin{array}{r} 2 \\ 4 \overline{) } \\ \underline{4} \end{array}$$

10.

$$\begin{array}{r} 5 \\ 7 \overline{) } \\ \underline{10} \end{array}$$

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