



Common Core Mathematics Practice for Grade 7

CCSS.Math.Content.7.NS.A.2.d - Worksheet #28222

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:

<p>1.</p> $\begin{array}{r} 33 \\ 8 \overline{) 40} \end{array}$	<p>6.</p> $\begin{array}{r} 8 \\ 3 \overline{) 20} \end{array}$
<p>2.</p> $\begin{array}{r} 605 \\ 9 \overline{) 10000} \end{array}$	<p>7.</p> $\begin{array}{r} 50 \\ 9 \overline{) 625} \end{array}$
<p>3.</p> $\begin{array}{r} 45 \\ 5 \overline{) 250} \end{array}$	<p>8.</p> $\begin{array}{r} 466 \\ 1 \overline{) 625} \end{array}$
<p>4.</p> $\begin{array}{r} 1747 \\ 9 \overline{) 2000} \end{array}$	<p>9.</p> $\begin{array}{r} 9859 \\ 9 \overline{) 10000} \end{array}$
<p>5.</p> $\begin{array}{r} 239 \\ 7 \overline{) 250} \end{array}$	<p>10.</p> $\begin{array}{r} 3 \\ 2 \overline{) 5} \end{array}$

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