



Common Core Mathematics Practice for Grade 7

CCSS.Math.Content.7.NS.A.2.d - Worksheet #28221

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. $\begin{array}{r} 1718 \\ 5 \overline{) } \\ \underline{5000} \end{array}$	6. $\begin{array}{r} 278 \\ 3 \overline{) } \\ \underline{2500} \end{array}$
2. $\begin{array}{r} 108 \\ 7 \overline{) } \\ \underline{250} \end{array}$	7. $\begin{array}{r} 37 \\ 3 \overline{) } \\ \underline{40} \end{array}$
3. $\begin{array}{r} 523 \\ 1 \overline{) } \\ \underline{625} \end{array}$	8. $\begin{array}{r} 14 \\ 9 \overline{) } \\ \underline{25} \end{array}$
4. $\begin{array}{r} 13 \\ 3 \overline{) } \\ \underline{125} \end{array}$	9. $\begin{array}{r} 502 \\ 7 \overline{) } \\ \underline{1250} \end{array}$
5. $\begin{array}{r} 1 \\ 4 \overline{) } \\ \underline{5} \end{array}$	10. $\begin{array}{r} 2027 \\ 8 \overline{) } \\ \underline{5000} \end{array}$

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