Independent Practice

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Write each fraction or mixed number as a decimal. (Examples 1 and 2)

1. $\frac{2}{5} =$ 0.4

2. $2\frac{1}{8} =$ 2.125

3. $\frac{33}{40} =$ 0.825

4. $\frac{4}{33} =$ $0.\overline{12}$

5. $-\frac{6}{11} =$ $-0.\overline{54}$

6. $-7\frac{8}{45} =$ $-7.1\overline{7}$

7. CCSS **Identify Repeated Reasoning** The table shows statistics about the students at Carter Junior High. (Example 3)

Number of Siblings	Fraction of Students
None	$\frac{1}{15}$
One	$\frac{1}{3}$
Two	$\frac{5}{12}$
Three	$\frac{1}{6}$
Four or more	$\frac{1}{60}$

a. Express the fraction of students with no siblings as a decimal.
$0.0\overline{6}$

b. Find the decimal equivalent for the fraction of students with three siblings. $0.1\overline{6}$

c. Write the fraction of students with one sibling as a decimal. Round to the nearest thousandth. 0.333

d. Write the fraction of students with two siblings as a decimal. Round to the nearest thousandth. 0.417

Write each decimal as a fraction or mixed number in simplest form. (Examples 4–6)

8. $-0.4 =$ $-\frac{2}{5}$

9. $-7.32 =$ $-7\frac{8}{25}$

10. $0.\overline{2} =$ $\frac{2}{9}$