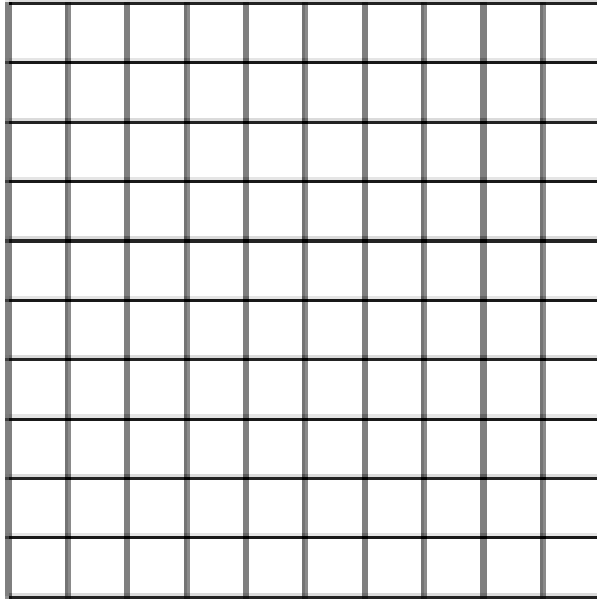


2016 Mathematics Standards of Learning
Algebra Readiness Formative Assessment

5.2a

1. Using the grid, model $\frac{3}{20}$, then write the decimal that is equivalent.



2. Match each fraction to its equivalent decimal form.

$\frac{7}{8}$	$\frac{2}{5}$	$\frac{8}{25}$
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0.875	0.32	0.40
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2016 Mathematics Standards of Learning
Algebra Readiness Formative Assessment

3. Sarah ate $\frac{3}{8}$ of a pie. Which decimal represents the amount of pie that is left?
- a. 0.375
 - b. 0.625
 - c. 0.325
 - d. 0.675
4. Which fraction is *not* equivalent to the decimal $3.\overline{33}$?
- a. $3\frac{2}{6}$
 - b. $3\frac{4}{12}$
 - c. $3\frac{6}{9}$
 - d. $3\frac{5}{15}$
5. Richmond received 0.4 inches of rain on Monday. Which of the following shows how much rain fell in Richmond?
- a. $\frac{4}{100}$ inches
 - b. $\frac{4}{5}$ inches
 - c. $\frac{1}{4}$ inches
 - d. $\frac{2}{5}$ inches