NAME DATE TIME **Lesson 3-14**

Unit 3 Assessment

(1) There are 4 granola bars. Three friends want to share them evenly.
How much would each friend get? Show your answer in two different ways.

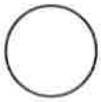
_____ granola bars

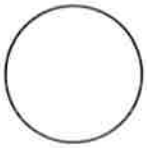
_____ granola bars

How are your answers alike? _____

_____

(2) Shade $\frac{1}{2}$ of each circle.





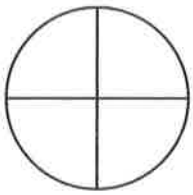
Are the halves of the two circles equal? How do you know?

_____

_____

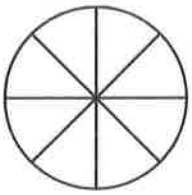
(3) Color $\frac{1}{4}$ of each circle. Name the colored portion.

a.



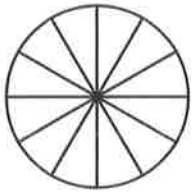
$\frac{\square}{4}$ is colored.

b.



$\frac{\square}{8}$ is colored.

c.



$\frac{\square}{12}$ is colored.

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Unit 3 Assessment (continued)

④ Use fraction circles to identify fractions below that are equivalent to $\frac{1}{2}$. Circle them.

$\frac{3}{4}$ $\frac{5}{6}$ $\frac{6}{12}$ $\frac{3}{6}$ $\frac{5}{10}$

⑤ **a.** Using your fraction circles to help you, find and name 2 fractions that are equivalent to $\frac{1}{3}$.

_____ _____

b. Using your fraction circles to help you, find and name 2 fractions that are equivalent to $\frac{2}{5}$.

_____ _____

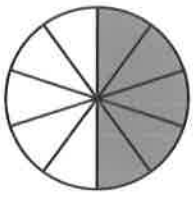
⑥ Write the missing fractions on the number line.

_____ _____ _____

⑦ Place the following fractions on the number line below: $\frac{1}{8}$, $\frac{5}{10}$, $\frac{3}{4}$, $\frac{7}{12}$, $\frac{2}{10}$

⑧ Write a fraction and a decimal for the circle.

Whole
circle



fraction: _____

decimal: _____

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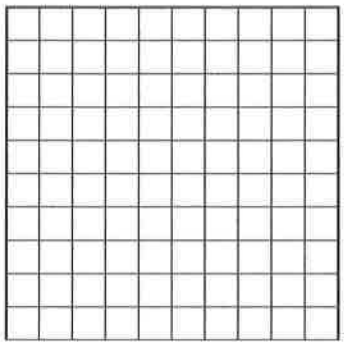
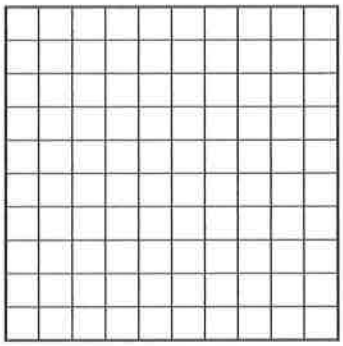
Unit 3 Assessment (continued)

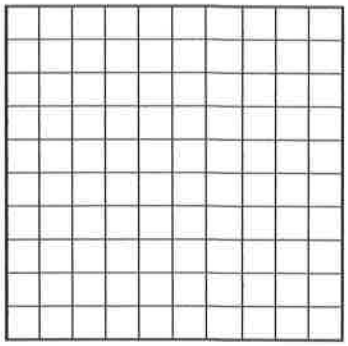
⑨ Shade each grid to help you write the following fractions as decimals.



$\frac{3}{10}$ _____



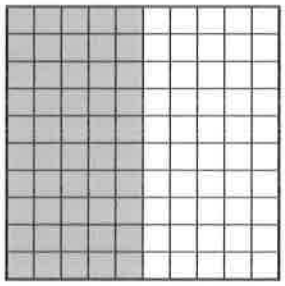
$\frac{20}{100}$ _____



$\frac{90}{100}$ _____

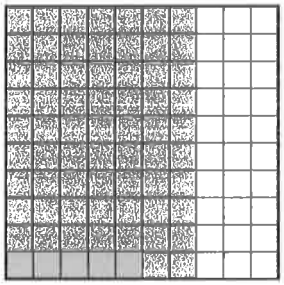
If each grid is the whole, then what part of each grid is shaded?
Write the decimal and the fraction below each grid.

⑩



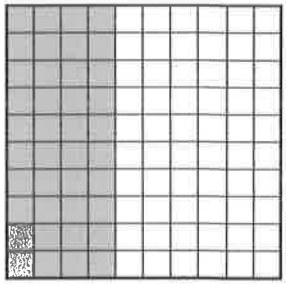
_____ = _____
decimal fraction

⑪



_____ = _____
decimal fraction

⑫



_____ = _____
decimal fraction

Write <, =, or > to compare the decimals. Use the grids from Problems 10 through 12.

⑬ 0.5 ___ 0.7 ⑭ 0.7 ___ 0.4 ⑮ 0.5 ___ 0.4

⑯ Convert from centimeters to millimeters.

cm	mm
5	
13	
89	
277	

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Unit 3 Challenge

Use three different strategies to show how you know that $\frac{3}{5}$ is greater than $\frac{4}{10}$.