

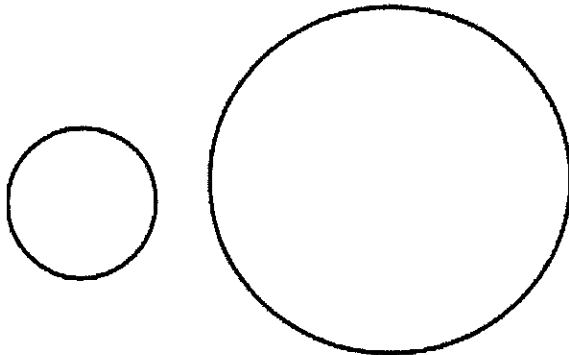
4th Grade Unit 3 EM4 Study Guide A

1. There are 5 granola bars. Three friends want to share them evenly. How much would each friend get? Show your answer in two different ways.



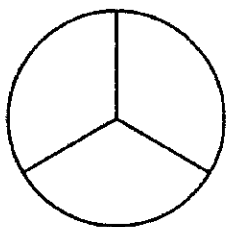
How are your answers alike? _____

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

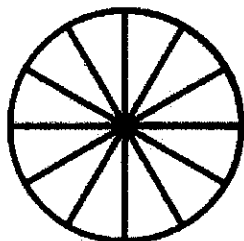


Are the halves of the two circles equal? How do you know? _____

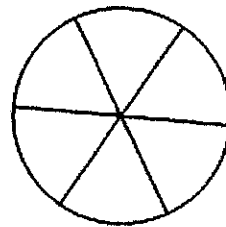
3. Color $\frac{1}{3}$ of each circle. Name the colored portion.



 is colored
3



 is colored
12



 is colored.
6

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

$\frac{2}{4}$

$\frac{8}{12}$

$\frac{5}{10}$

$\frac{6}{12}$

$\frac{2}{6}$

$\frac{2}{10}$

5.

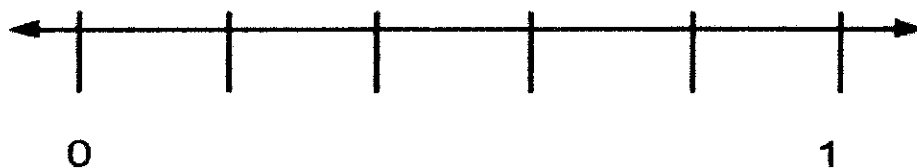
a. Using your fraction circles to help you, find and name 2 fractions that are equivalent to $\frac{1}{4}$.

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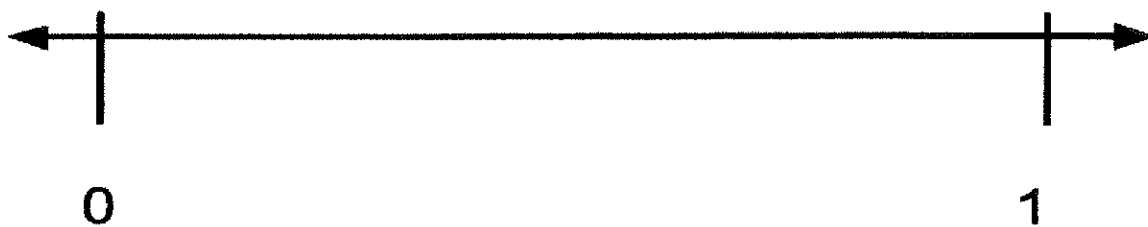
b. Using your fraction circles to help you, find and name 2 fractions that are equivalent to $\frac{3}{5}$.

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6. Write the missing fractions on the number line.



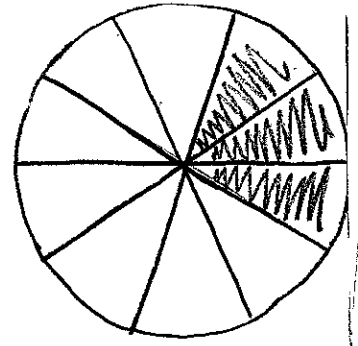
7. Place the following fractions on the number line below: $\frac{1}{6}$, $\frac{6}{12}$, $\frac{1}{4}$, $\frac{2}{10}$, $\frac{3}{4}$



8. Write a fraction and decimal for the circle.

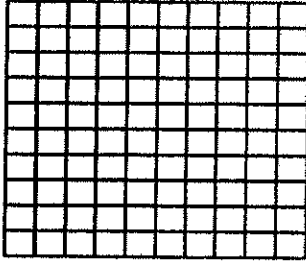
Fraction: _____

Decimal: _____

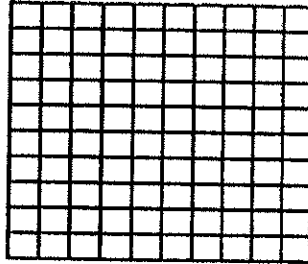


9. Shade each grid to help you write the following fractions as decimals.

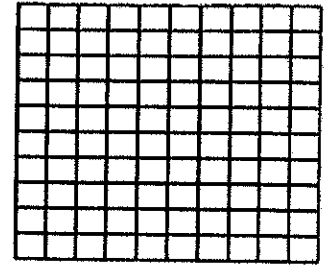
If each grid is the whole, then what part of each grid is shaded? Write the decimal and the fraction below each grid.



$4/10 =$ _____



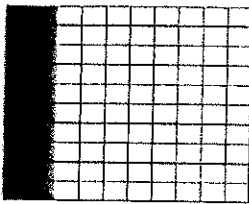
$30/100 =$ _____



$70/100 =$ _____

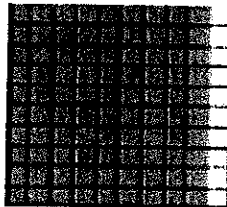
If each grid is the whole, then what part of each grid is shaded? Write the decimal and the fraction below each grid.

10.



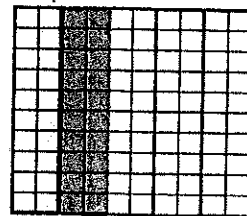
_____ = _____
decimal fraction

11.



_____ = _____
decimal fraction

12.



_____ = _____
decimal fraction

Write $<$, $=$, or $>$ to compare the decimals. Use the grid from problems 10 through 12.

13. 0.2 ___ 0.9

14. 0.9 ___ 0.4

15. 0.2 ___ 0.4

16. Convert from centimeters to millimeters.

cm	mm
4	
15	
89	
243	