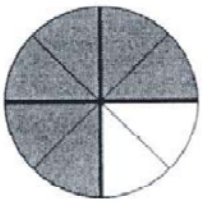
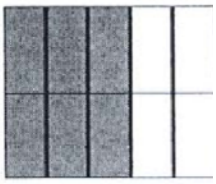
Math Live – *Equivalent Fractions*: Activity Sheet

Grade: 5 **Strand**: Number **Outcome**: 7

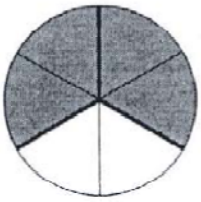
Write two fractions that name the shaded part of each region or set.

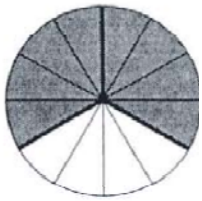
1. 

2. 

3. 

4. 

5. 

6. 

Find each missing number. Draw pictures to help you.

7. $\frac{3}{6} = \frac{\quad}{2}$

8. $\frac{5}{6} = \frac{10}{\quad}$

9. $\frac{12}{12} = \frac{\quad}{6}$

10. $\frac{3}{4} = \frac{\quad}{8}$

11. $\frac{1}{\quad} = \frac{2}{10}$

12. $\frac{3}{5} = \frac{6}{\quad}$

13. $\frac{2}{\quad} = \frac{4}{12}$

14. $\frac{\quad}{5} = \frac{8}{10}$

15. $\frac{1}{4} = \frac{\quad}{12}$

1

[1] Quest 2000 Exploring Mathematics Extra Practice and Testing Masters

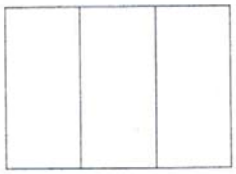
Solve each problem.

1. Start with halves.
   Draw a horizontal line to divide each part in half.
   What size is each part now? _____
   Write two fractions to name the amount in one column.

   _____ _____

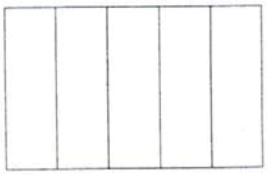
2. Start with thirds.
   Draw a horizontal line to divide each part in half.
   What size is each part now? _____
   Write two fractions to name the amount in one column.

   _____ _____



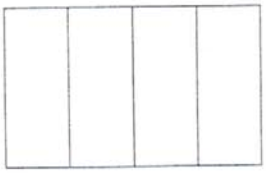
3. Start with fifths.
   Draw a horizontal line to divide each part in half.
   What size is each part now? _____
   Write two fractions to name the amount in one column.

   _____ _____



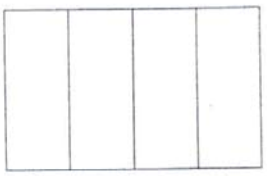
4. Start with fourths.
   Draw a horizontal line to divide each part in half.
   What size is each part now? _____
   Write two fractions to name the amount in one column.

   _____ _____



5. Start with fourths.
   Draw horizontal lines to divide each part in thirds.
   What size is each part now? _____
   Write two fractions to name the amount in one column.

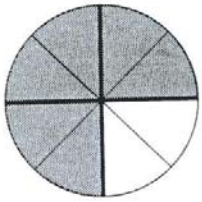
   _____ _____



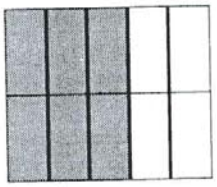
[2] Quest 2000 Exploring Mathematics Extra Practice and Testing Masters

Math Live – *Equivalent Fractions*: Activity Sheet Answer Key

Write two fractions that name the shaded part of each region or set.

1. 

$\frac{3}{4}$ $\frac{6}{8}$

2. 

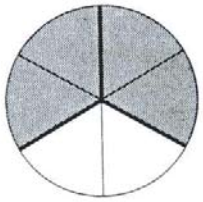
$\frac{3}{5}$ $\frac{6}{10}$

3. 

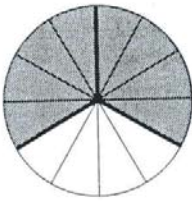
$\frac{3}{4}$ $\frac{9}{12}$

4. 

$\frac{1}{3}$ $\frac{2}{6}$

5. 

$\frac{2}{3}$ $\frac{4}{6}$

6. 

$\frac{2}{3}$ $\frac{8}{12}$

Find each missing number. Draw pictures to help you.

7. $\frac{3}{6} = \frac{1}{2}$

8. $\frac{3}{2} = \frac{8}{12}$

9. $\frac{12}{12} = \frac{6}{6}$

10. $\frac{3}{4} = \frac{6}{8}$

11. $\frac{1}{5} = \frac{2}{10}$

12. $\frac{3}{5} = \frac{6}{10}$

13. $\frac{2}{6} = \frac{4}{12}$

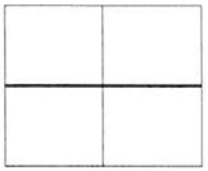
14. $\frac{4}{5} = \frac{8}{10}$

15. $\frac{1}{4} = \frac{3}{12}$

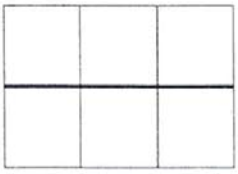
[3] Quest 2000 Exploring Mathematics Extra Practice and Testing Masters

Solve each problem.

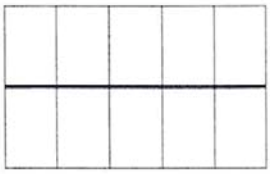
1. Start with halves.
   Draw a horizontal line to divide each part in half.
   What size is each part now? $\frac{1}{4}$
   Write two fractions to name the amount in one column.
   $\frac{2}{4}$ $\frac{1}{2}$



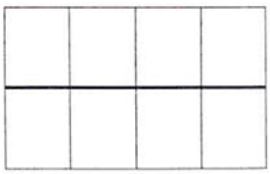
2. Start with thirds.
   Draw a horizontal line to divide each part in half.
   What size is each part now? $\frac{1}{6}$
   Write two fractions to name the amount in one column.
   $\frac{2}{6}$ $\frac{1}{3}$



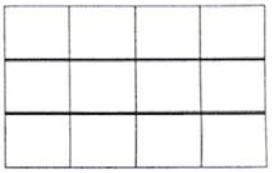
3. Start with fifths.
   Draw a horizontal line to divide each part in half.
   What size is each part now? $\frac{1}{10}$
   Write two fractions to name the amount in one column.
   $\frac{2}{10}$ $\frac{1}{5}$



4. Start with fourths.
   Draw a horizontal line to divide each part in half.
   What size is each part now? $\frac{1}{8}$
   Write two fractions to name the amount in one column.
   $\frac{2}{8}$ $\frac{1}{4}$



5. Start with fourths.
   Draw horizontal lines to divide each part in thirds.
   What size is each part now? $\frac{1}{12}$
   Write two fractions to name the amount in one column.
   $\frac{3}{12}$ $\frac{1}{4}$



[4] Diagnostic Mathematics Program: Numeration Division II