

Identifying Fractions: Halves, Thirds and Fourths

Name: _____

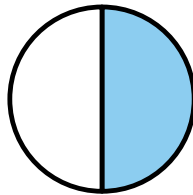
Date: _____

Write the fraction that is shaded in each picture.

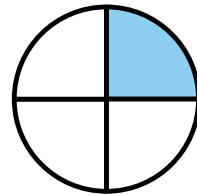
1.


$$\frac{\square}{\square}$$

2.


$$\frac{\square}{\square}$$

3.


$$\frac{\square}{\square}$$

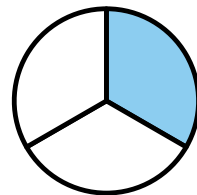
4.


$$\frac{\square}{\square}$$

5.


$$\frac{\square}{\square}$$

6.


$$\frac{\square}{\square}$$

7.


$$\frac{\square}{\square}$$

8.


$$\frac{\square}{\square}$$

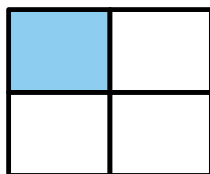
9.


$$\frac{\square}{\square}$$

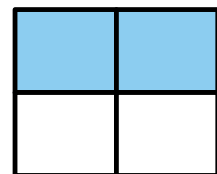
10.


$$\frac{\square}{\square}$$

11.


$$\frac{\square}{\square}$$

12.


$$\frac{\square}{\square}$$

Identifying Fractions: Halves, Thirds and Fourths

Answer Key

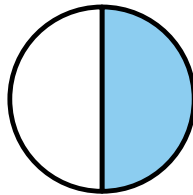
Write the fraction that is shaded in each picture.

1.



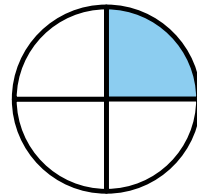
$$\frac{1}{3}$$

2.



$$\frac{1}{2}$$

3.



$$\frac{1}{4}$$

4.



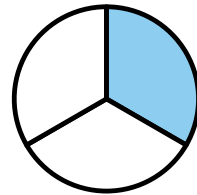
$$\frac{1}{2}$$

5.



$$\frac{3}{4}$$

6.



$$\frac{1}{3}$$

7.



$$\frac{1}{4}$$

8.



$$\frac{1}{2}$$

9.



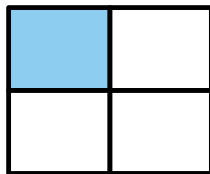
$$\frac{2}{3}$$

10.



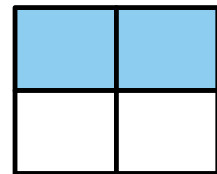
$$\frac{2}{3}$$

11.



$$\frac{1}{4}$$

12.



$$\frac{2}{4}$$

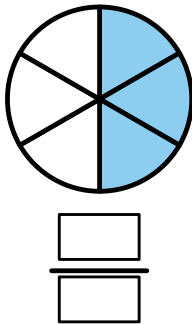
Fraction Circles Worksheet

Name: _____

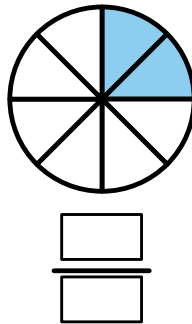
Date: _____

What fraction of each circle is shaded? Write the numerator and the denominator.

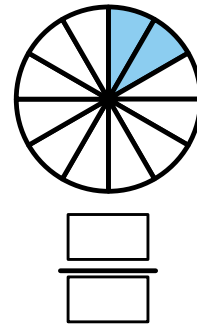
1.



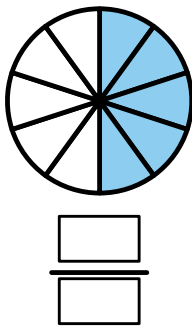
2.



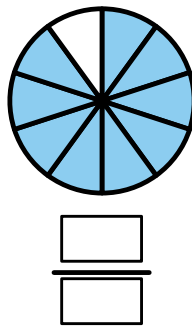
3.



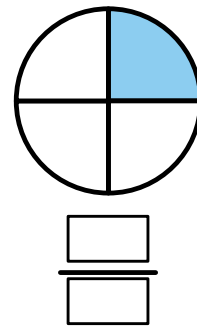
4.



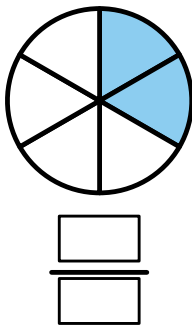
5.



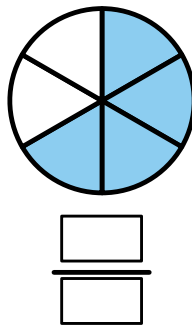
6.



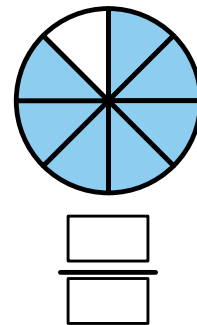
7.



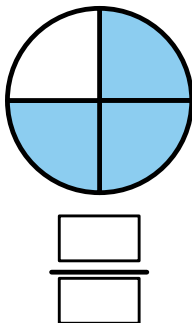
8.



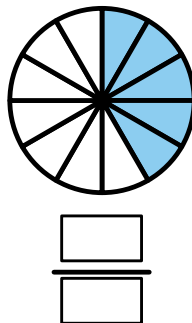
9.



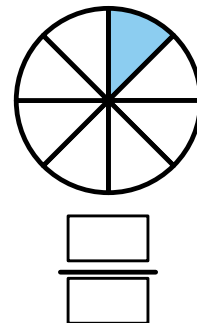
10.



11.



12.

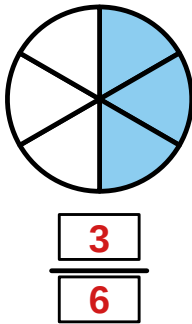


Fraction Circles Worksheet

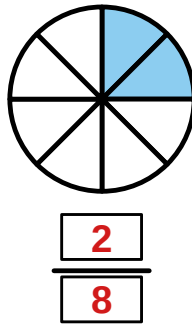
Answer Key

What fraction of each circle is shaded? Write the numerator and the denominator.

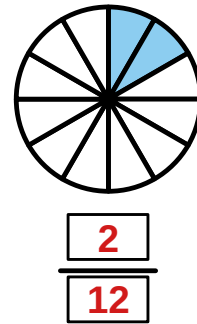
1.



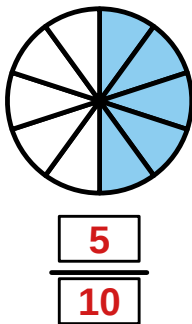
2.



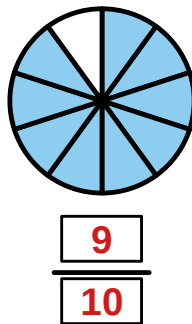
3.



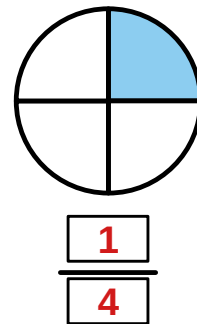
4.



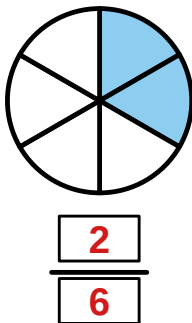
5.



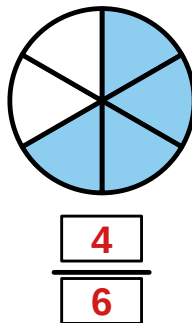
6.



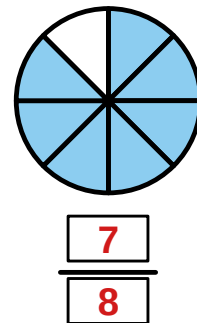
7.



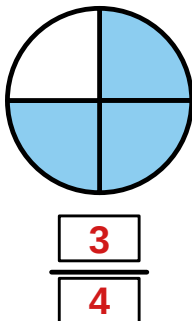
8.



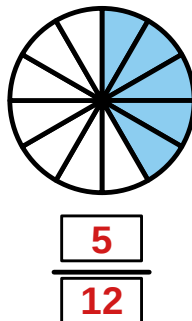
9.



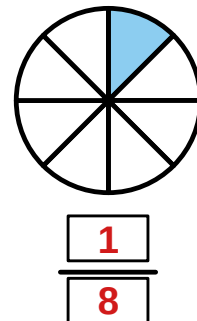
10.



11.



12.



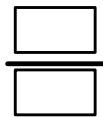
Fraction Bars and Shapes

Name: _____

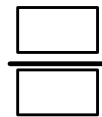
Date: _____

What fraction is shaded? Count the shaded parts and all the equal parts.

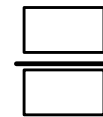
1.



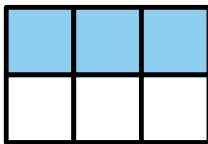
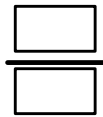
2.



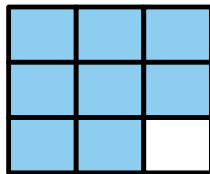
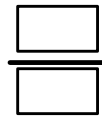
3.



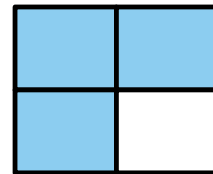
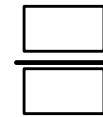
4.



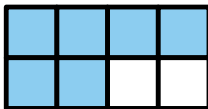
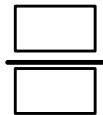
5.



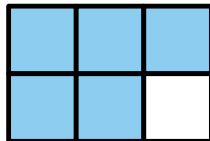
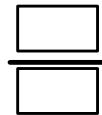
6.



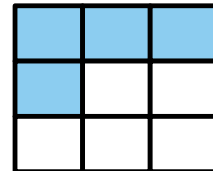
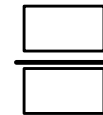
7.



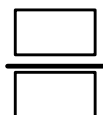
8.



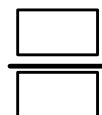
9.



10.



11.



12.



Fraction Bars and Shapes

Answer Key

What fraction is shaded? Count the shaded parts and all the equal parts.

1.



$$\frac{1}{2}$$

2.



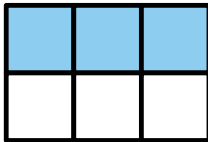
$$\frac{1}{3}$$

3.



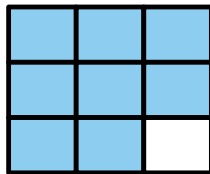
$$\frac{2}{12}$$

4.



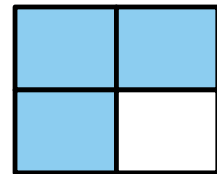
$$\frac{3}{6}$$

5.



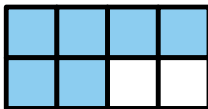
$$\frac{8}{9}$$

6.



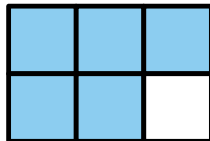
$$\frac{3}{4}$$

7.



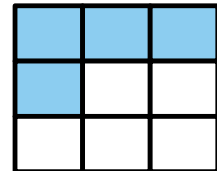
$$\frac{6}{8}$$

8.



$$\frac{5}{6}$$

9.



$$\frac{4}{9}$$

10.



$$\frac{4}{9}$$

11.



$$\frac{5}{9}$$

12.



$$\frac{2}{3}$$

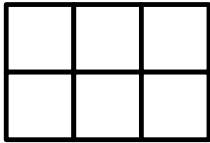
Color the Fraction

Name: _____

Date: _____

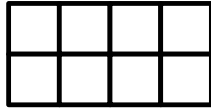
Color the number of parts the fraction shows.

1.



Color $\frac{4}{6}$

2.



Color $\frac{3}{8}$

3.



Color $\frac{4}{5}$

4.



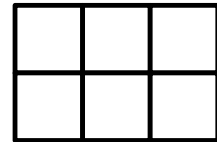
Color $\frac{2}{5}$

5.



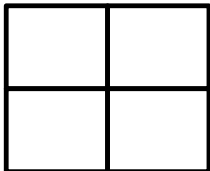
Color $\frac{3}{8}$

6.



Color $\frac{1}{6}$

7.



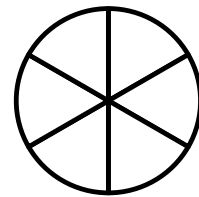
Color $\frac{1}{4}$

8.



Color $\frac{1}{2}$

9.



Color $\frac{2}{6}$

10.



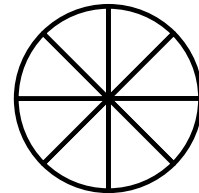
Color $\frac{1}{2}$

11.



Color $\frac{2}{6}$

12.



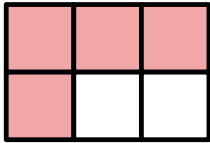
Color $\frac{7}{8}$

Color the Fraction

Answer Key

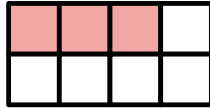
Color the number of parts the fraction shows.

1.



Color $\frac{4}{6}$

2.



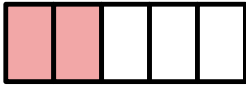
Color $\frac{3}{8}$

3.



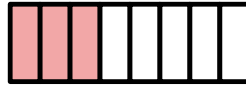
Color $\frac{4}{5}$

4.



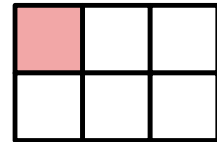
Color $\frac{2}{5}$

5.



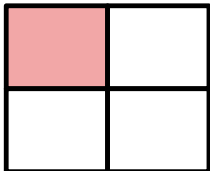
Color $\frac{3}{8}$

6.



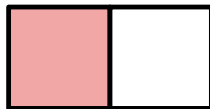
Color $\frac{1}{6}$

7.



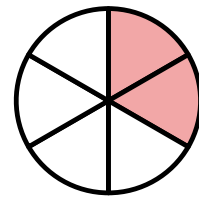
Color $\frac{1}{4}$

8.



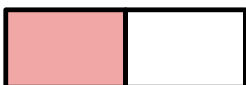
Color $\frac{1}{2}$

9.



Color $\frac{2}{6}$

10.



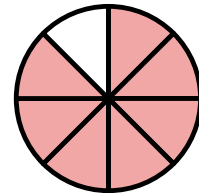
Color $\frac{1}{2}$

11.



Color $\frac{2}{6}$

12.

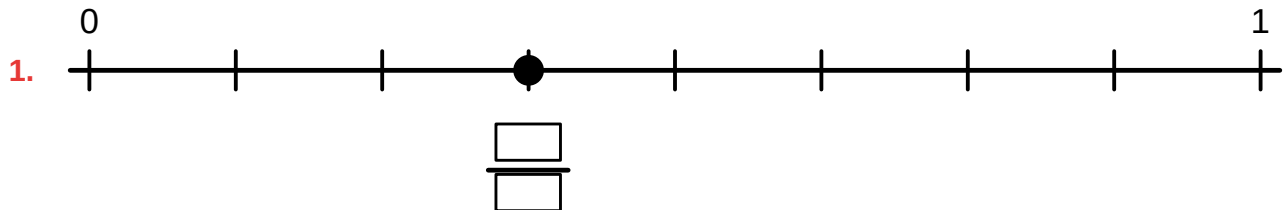
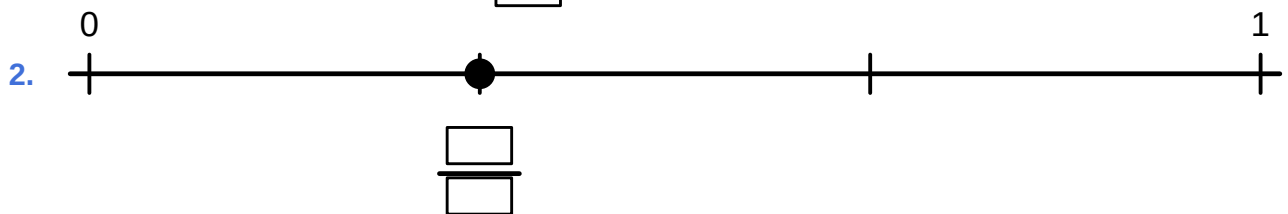
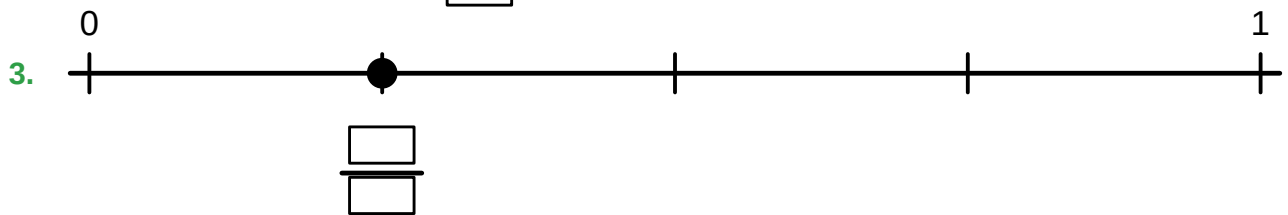
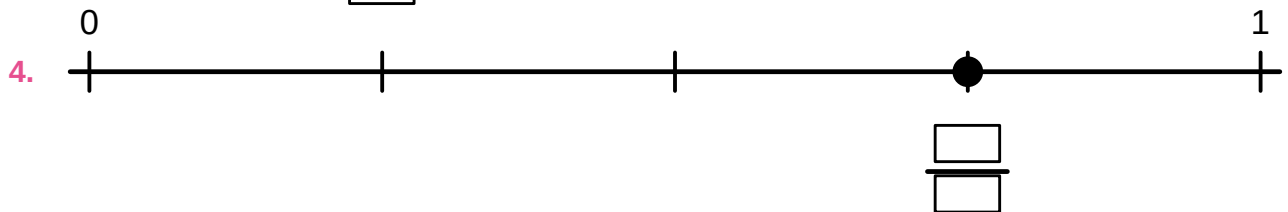
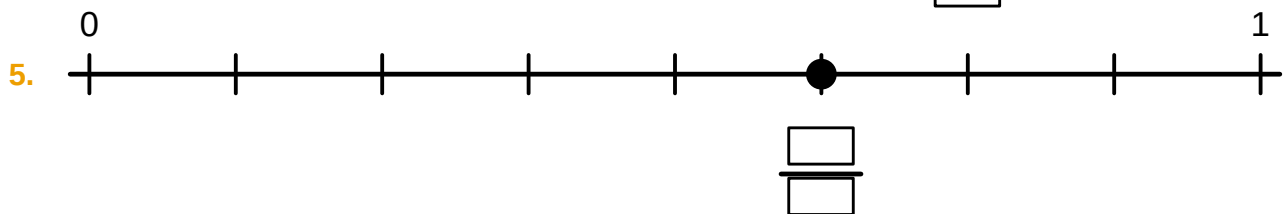
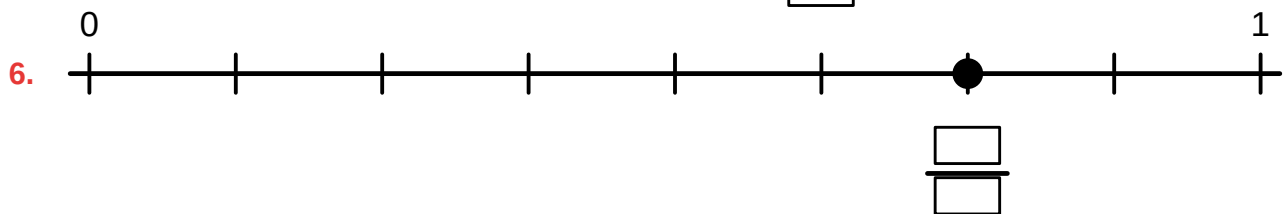
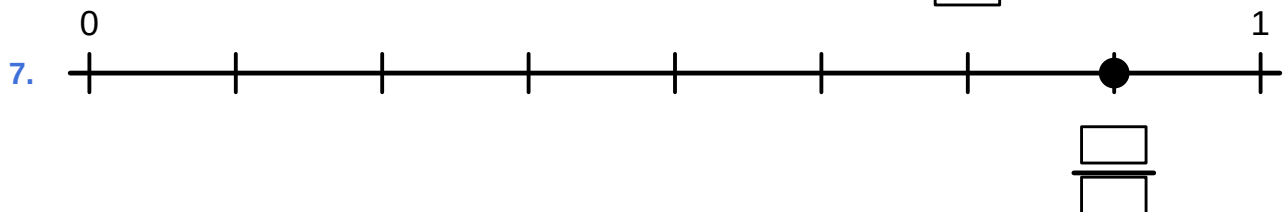


Color $\frac{7}{8}$

Fractions on a Number Line

Name: _____ Date: _____

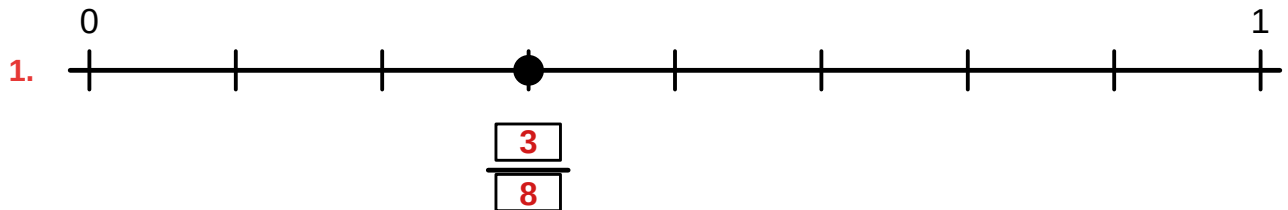
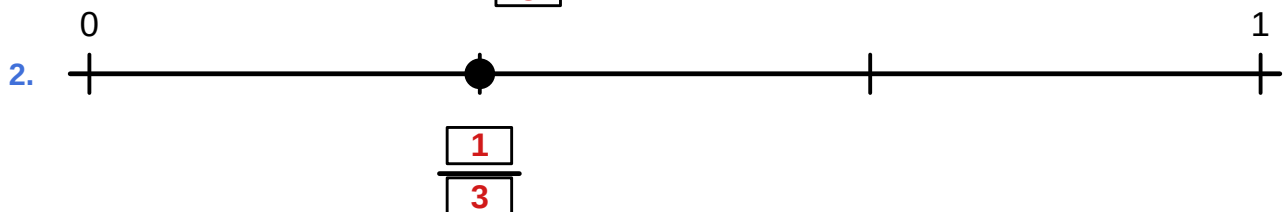
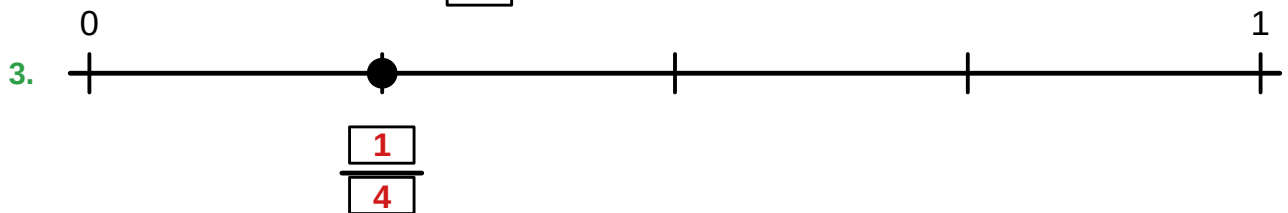
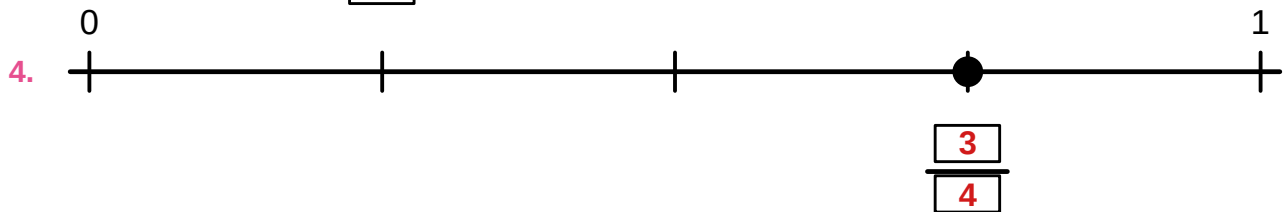
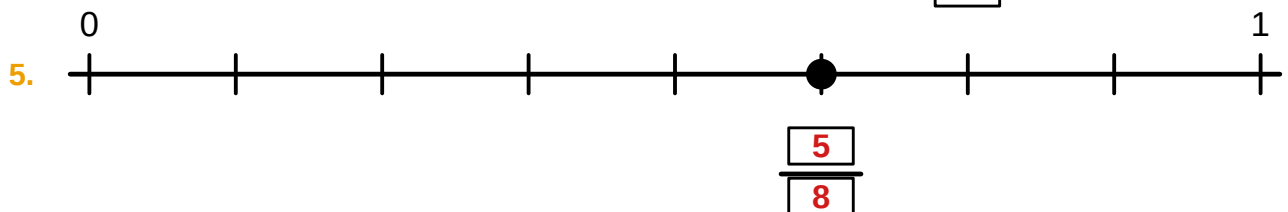
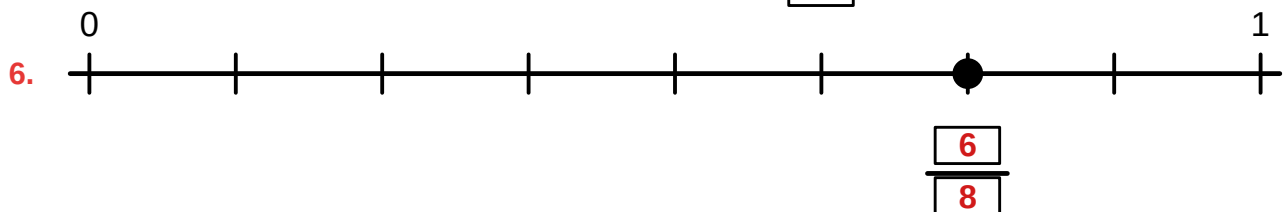
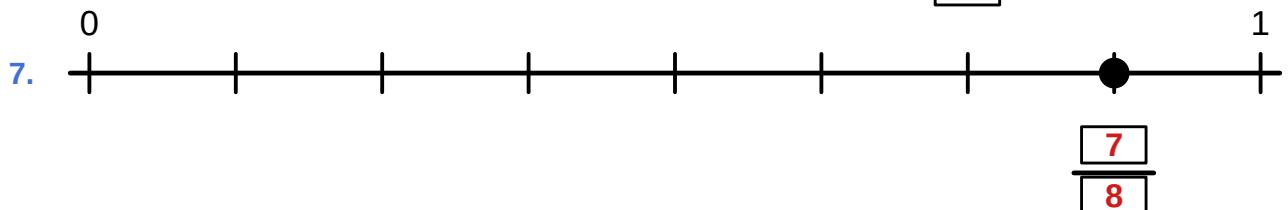
Write the fraction that each dot shows on the number line.



Fractions on a Number Line

Answer Key

Write the fraction that each dot shows on the number line.



Comparing Fractions With Pictures

Name: _____

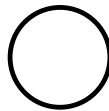
Date: _____

Look at the shaded parts. Write $<$, $>$ or $=$ in each circle.

1.



$$\frac{5}{6}$$

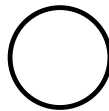


$$\frac{4}{6}$$

2.



$$\frac{2}{5}$$

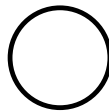


$$\frac{2}{4}$$

3.

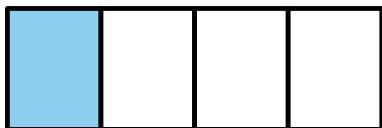


$$\frac{1}{8}$$

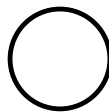


$$\frac{1}{2}$$

4.



$$\frac{1}{4}$$

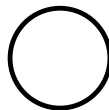


$$\frac{1}{2}$$

5.



$$\frac{3}{6}$$

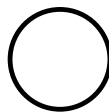


$$\frac{3}{8}$$

6.



$$\frac{4}{5}$$



$$\frac{1}{2}$$

Comparing Fractions With Pictures

Answer Key

Look at the shaded parts. Write $<$, $>$ or $=$ in each circle.

1.



$$\frac{5}{6}$$



$$\frac{4}{6}$$

2.



$$\frac{2}{5}$$



$$\frac{2}{4}$$

3.

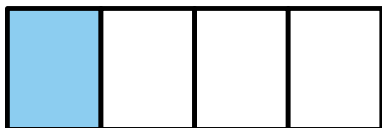


$$\frac{1}{8}$$



$$\frac{1}{2}$$

4.



$$\frac{1}{4}$$



$$\frac{1}{2}$$

5.



$$\frac{3}{6}$$



$$\frac{3}{8}$$

6.



$$\frac{4}{5}$$



$$\frac{1}{2}$$

Comparing Fractions

Name: _____

Date: _____

Write $<$, $>$ or $=$ in each circle. Same denominator? Compare numerators. Same numerator? The smaller denominator wins.

1. $\frac{2}{3}$ ○ $\frac{1}{3}$

2. $\frac{4}{6}$ ○ $\frac{5}{6}$

3. $\frac{1}{3}$ ○ $\frac{2}{3}$

4. $\frac{7}{8}$ ○ $\frac{2}{8}$

5. $\frac{3}{8}$ ○ $\frac{2}{8}$

6. $\frac{2}{3}$ ○ $\frac{2}{8}$

7. $\frac{1}{2}$ ○ $\frac{3}{6}$

8. $\frac{3}{4}$ ○ $\frac{3}{5}$

9. $\frac{1}{6}$ ○ $\frac{3}{6}$

10. $\frac{11}{12}$ ○ $\frac{2}{12}$

11. $\frac{4}{6}$ ○ $\frac{3}{4}$

12. $\frac{1}{2}$ ○ $\frac{2}{3}$

13. $\frac{1}{6}$ ○ $\frac{1}{8}$

14. $\frac{1}{5}$ ○ $\frac{1}{2}$

15. $\frac{3}{4}$ ○ $\frac{5}{8}$

16. $\frac{1}{4}$ ○ $\frac{3}{4}$

Comparing Fractions

Answer Key

Write $<$, $>$ or $=$ in each circle. Same denominator? Compare numerators. Same numerator? The smaller denominator wins.

1. $\frac{2}{3} \bigcirc \frac{1}{3}$

2. $\frac{4}{6} \bigcirc \frac{5}{6}$

3. $\frac{1}{3} \bigcirc \frac{2}{3}$

4. $\frac{7}{8} \bigcirc \frac{2}{8}$

5. $\frac{3}{8} \bigcirc \frac{2}{8}$

6. $\frac{2}{3} \bigcirc \frac{2}{8}$

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

8. $\frac{3}{4} \bigcirc \frac{3}{5}$

9. $\frac{1}{6} \bigcirc \frac{3}{6}$

10. $\frac{11}{12} \bigcirc \frac{2}{12}$

11. $\frac{4}{6} \bigcirc \frac{3}{4}$

12. $\frac{1}{2} \bigcirc \frac{2}{3}$

13. $\frac{1}{6} \bigcirc \frac{1}{8}$

14. $\frac{1}{5} \bigcirc \frac{1}{2}$

15. $\frac{3}{4} \bigcirc \frac{5}{8}$

16. $\frac{1}{4} \bigcirc \frac{3}{4}$

Comparing Fractions With Unlike Denominators

Name: _____

Date: _____

Find a common denominator, then write $<$, $>$ or $=$.

1. $\frac{9}{12} \bigcirc \frac{4}{8}$

2. $\frac{2}{3} \bigcirc \frac{8}{10}$

3. $\frac{2}{8} \bigcirc \frac{1}{6}$

4. $\frac{5}{12} \bigcirc \frac{1}{2}$

5. $\frac{1}{12} \bigcirc \frac{1}{2}$

6. $\frac{1}{12} \bigcirc \frac{1}{3}$

7. $\frac{6}{8} \bigcirc \frac{2}{4}$

8. $\frac{1}{5} \bigcirc \frac{6}{10}$

9. $\frac{5}{8} \bigcirc \frac{1}{2}$

10. $\frac{3}{4} \bigcirc \frac{7}{8}$

11. $\frac{1}{2} \bigcirc \frac{1}{3}$

12. $\frac{1}{2} \bigcirc \frac{5}{6}$

13. $\frac{1}{5} \bigcirc \frac{6}{12}$

14. $\frac{8}{10} \bigcirc \frac{1}{3}$

15. $\frac{2}{4} \bigcirc \frac{1}{3}$

16. $\frac{1}{4} \bigcirc \frac{3}{10}$

Comparing Fractions With Unlike Denominators

Answer Key

Find a common denominator, then write $<$, $>$ or $=$.

1. $\frac{9}{12} \bigcirc \frac{4}{8}$

2. $\frac{2}{3} \bigcirc \frac{8}{10}$

3. $\frac{2}{8} \bigcirc \frac{1}{6}$

4. $\frac{5}{12} \bigcirc \frac{1}{2}$

5. $\frac{1}{12} \bigcirc \frac{1}{2}$

6. $\frac{1}{12} \bigcirc \frac{1}{3}$

7. $\frac{6}{8} \bigcirc \frac{2}{4}$

8. $\frac{1}{5} \bigcirc \frac{6}{10}$

9. $\frac{5}{8} \bigcirc \frac{1}{2}$

10. $\frac{3}{4} \bigcirc \frac{7}{8}$

11. $\frac{1}{2} \bigcirc \frac{1}{3}$

12. $\frac{1}{2} \bigcirc \frac{5}{6}$

13. $\frac{1}{5} \bigcirc \frac{6}{12}$

14. $\frac{8}{10} \bigcirc \frac{1}{3}$

15. $\frac{2}{4} \bigcirc \frac{1}{3}$

16. $\frac{1}{4} \bigcirc \frac{3}{10}$

Equivalent Fractions Worksheet

Name: _____ Date: _____

Fill in the box to make the fractions equal. Multiply the top and bottom by the same number.

1. $\frac{1}{2} = \frac{4}{\boxed{}}$

2. $\frac{1}{2} = \frac{3}{\boxed{}}$

3. $\frac{2}{5} = \frac{8}{\boxed{}}$

4. $\frac{1}{2} = \frac{2}{\boxed{}}$

5. $\frac{1}{3} = \frac{5}{\boxed{}}$

6. $\frac{3}{5} = \frac{6}{\boxed{}}$

7. $\frac{1}{6} = \frac{5}{\boxed{}}$

8. $\frac{2}{5} = \frac{\boxed{}}{20}$

9. $\frac{1}{4} = \frac{\boxed{}}{20}$

10. $\frac{1}{3} = \frac{\boxed{}}{9}$

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

12. $\frac{2}{6} = \frac{\boxed{}}{24}$

13. $\frac{1}{2} = \frac{5}{\boxed{}}$

14. $\frac{1}{6} = \frac{\boxed{}}{12}$

15. $\frac{1}{6} = \frac{\boxed{}}{30}$

16. $\frac{4}{5} = \frac{\boxed{}}{10}$

Equivalent Fractions Worksheet

Answer Key

Fill in the box to make the fractions equal. Multiply the top and bottom by the same number.

1. $\frac{1}{2} = \frac{4}{\boxed{8}}$

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

3. $\frac{2}{5} = \frac{8}{\boxed{20}}$

4. $\frac{1}{2} = \frac{2}{\boxed{4}}$

5. $\frac{1}{3} = \frac{5}{\boxed{15}}$

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

7. $\frac{1}{6} = \frac{5}{\boxed{30}}$

8. $\frac{2}{5} = \frac{\boxed{8}}{20}$

9. $\frac{1}{4} = \frac{\boxed{5}}{20}$

10. $\frac{1}{3} = \frac{\boxed{3}}{9}$

11. $\frac{2}{5} = \frac{\boxed{4}}{10}$

12. $\frac{2}{6} = \frac{\boxed{8}}{24}$

13. $\frac{1}{2} = \frac{5}{\boxed{10}}$

14. $\frac{1}{6} = \frac{\boxed{2}}{12}$

15. $\frac{1}{6} = \frac{\boxed{5}}{30}$

16. $\frac{4}{5} = \frac{\boxed{8}}{10}$

Adding Fractions With Like Denominators

Name: _____

Date: _____

Add the numerators and keep the denominator.

1. $\frac{1}{5} + \frac{3}{5} = \frac{\boxed{}}{\boxed{}}$

2. $\frac{1}{6} + \frac{1}{6} = \frac{\boxed{}}{\boxed{}}$

3. $\frac{5}{8} + \frac{3}{8} = \frac{\boxed{}}{\boxed{}}$

4. $\frac{3}{10} + \frac{2}{10} = \frac{\boxed{}}{\boxed{}}$

5. $\frac{1}{3} + \frac{2}{3} = \frac{\boxed{}}{\boxed{}}$

6. $\frac{4}{6} + \frac{2}{6} = \frac{\boxed{}}{\boxed{}}$

7. $\frac{1}{10} + \frac{7}{10} = \frac{\boxed{}}{\boxed{}}$

8. $\frac{1}{4} + \frac{1}{4} = \frac{\boxed{}}{\boxed{}}$

9. $\frac{4}{8} + \frac{4}{8} = \frac{\boxed{}}{\boxed{}}$

10. $\frac{1}{5} + \frac{4}{5} = \frac{\boxed{}}{\boxed{}}$

11. $\frac{2}{5} + \frac{1}{5} = \frac{\boxed{}}{\boxed{}}$

12. $\frac{5}{10} + \frac{3}{10} = \frac{\boxed{}}{\boxed{}}$

Adding Fractions With Like Denominators

Answer Key

Add the numerators and keep the denominator.

1. $\frac{1}{5} + \frac{3}{5} = \frac{\boxed{4}}{\boxed{5}}$

2. $\frac{1}{6} + \frac{1}{6} = \frac{\boxed{2}}{\boxed{6}}$

3. $\frac{5}{8} + \frac{3}{8} = \frac{\boxed{8}}{\boxed{8}}$

4. $\frac{3}{10} + \frac{2}{10} = \frac{\boxed{5}}{\boxed{10}}$

5. $\frac{1}{3} + \frac{2}{3} = \frac{\boxed{3}}{\boxed{3}}$

6. $\frac{4}{6} + \frac{2}{6} = \frac{\boxed{6}}{\boxed{6}}$

7. $\frac{1}{10} + \frac{7}{10} = \frac{\boxed{8}}{\boxed{10}}$

8. $\frac{1}{4} + \frac{1}{4} = \frac{\boxed{2}}{\boxed{4}}$

9. $\frac{4}{8} + \frac{4}{8} = \frac{\boxed{8}}{\boxed{8}}$

10. $\frac{1}{5} + \frac{4}{5} = \frac{\boxed{5}}{\boxed{5}}$

11. $\frac{2}{5} + \frac{1}{5} = \frac{\boxed{3}}{\boxed{5}}$

12. $\frac{5}{10} + \frac{3}{10} = \frac{\boxed{8}}{\boxed{10}}$

Subtracting Fractions With Like Denominators

Name: _____ Date: _____

Subtract the numerators and keep the denominator.

1. $\frac{2}{5} - \frac{1}{5} = \frac{\boxed{}}{\boxed{}}$

2. $\frac{2}{12} - \frac{1}{12} = \frac{\boxed{}}{\boxed{}}$

3. $\frac{9}{10} - \frac{7}{10} = \frac{\boxed{}}{\boxed{}}$

4. $\frac{11}{12} - \frac{6}{12} = \frac{\boxed{}}{\boxed{}}$

5. $\frac{3}{8} - \frac{1}{8} = \frac{\boxed{}}{\boxed{}}$

6. $\frac{7}{8} - \frac{1}{8} = \frac{\boxed{}}{\boxed{}}$

7. $\frac{5}{6} - \frac{3}{6} = \frac{\boxed{}}{\boxed{}}$

8. $\frac{7}{12} - \frac{5}{12} = \frac{\boxed{}}{\boxed{}}$

9. $\frac{5}{6} - \frac{4}{6} = \frac{\boxed{}}{\boxed{}}$

10. $\frac{8}{12} - \frac{5}{12} = \frac{\boxed{}}{\boxed{}}$

11. $\frac{2}{4} - \frac{1}{4} = \frac{\boxed{}}{\boxed{}}$

12. $\frac{3}{5} - \frac{1}{5} = \frac{\boxed{}}{\boxed{}}$

Subtracting Fractions With Like Denominators

Answer Key

Subtract the numerators and keep the denominator.

1. $\frac{2}{5} - \frac{1}{5} = \frac{\boxed{1}}{\boxed{5}}$

2. $\frac{2}{12} - \frac{1}{12} = \frac{\boxed{1}}{\boxed{12}}$

3. $\frac{9}{10} - \frac{7}{10} = \frac{\boxed{2}}{\boxed{10}}$

4. $\frac{11}{12} - \frac{6}{12} = \frac{\boxed{5}}{\boxed{12}}$

5. $\frac{3}{8} - \frac{1}{8} = \frac{\boxed{2}}{\boxed{8}}$

6. $\frac{7}{8} - \frac{1}{8} = \frac{\boxed{6}}{\boxed{8}}$

7. $\frac{5}{6} - \frac{3}{6} = \frac{\boxed{2}}{\boxed{6}}$

8. $\frac{7}{12} - \frac{5}{12} = \frac{\boxed{2}}{\boxed{12}}$

9. $\frac{5}{6} - \frac{4}{6} = \frac{\boxed{1}}{\boxed{6}}$

10. $\frac{8}{12} - \frac{5}{12} = \frac{\boxed{3}}{\boxed{12}}$

11. $\frac{2}{4} - \frac{1}{4} = \frac{\boxed{1}}{\boxed{4}}$

12. $\frac{3}{5} - \frac{1}{5} = \frac{\boxed{2}}{\boxed{5}}$

Mixed Numbers and Improper Fractions

Name: _____ Date: _____

Change mixed numbers to improper fractions and improper fractions to mixed numbers.

1. $\frac{6}{4} = \square \frac{\square}{\square}$

2. $3 \frac{1}{5} = \frac{\square}{\square}$

3. $1 \frac{1}{8} = \frac{\square}{\square}$

4. $\frac{27}{6} = \square \frac{\square}{\square}$

5. $\frac{28}{5} = \square \frac{\square}{\square}$

6. $1 \frac{4}{5} = \frac{\square}{\square}$

7. $5 \frac{1}{5} = \frac{\square}{\square}$

8. $2 \frac{7}{8} = \frac{\square}{\square}$

9. $\frac{47}{8} = \square \frac{\square}{\square}$

10. $\frac{27}{5} = \square \frac{\square}{\square}$

11. $3 \frac{3}{8} = \frac{\square}{\square}$

12. $1 \frac{5}{6} = \frac{\square}{\square}$

Mixed Numbers and Improper Fractions

Answer Key

Change mixed numbers to improper fractions and improper fractions to mixed numbers.

$$1. \quad \frac{6}{4} = 1 \frac{2}{4}$$

$$2. \quad 3 \frac{1}{5} = \frac{16}{5}$$

$$3. \quad 1 \frac{1}{8} = \frac{9}{8}$$

$$4. \quad \frac{27}{6} = 4 \frac{3}{6}$$

$$5. \quad \frac{28}{5} = 5 \frac{3}{5}$$

$$6. \quad 1 \frac{4}{5} = \frac{9}{5}$$

$$7. \quad 5 \frac{1}{5} = \frac{26}{5}$$

$$8. \quad 2 \frac{7}{8} = \frac{23}{8}$$

$$9. \quad \frac{47}{8} = 5 \frac{7}{8}$$

$$10. \quad \frac{27}{5} = 5 \frac{2}{5}$$

$$11. \quad 3 \frac{3}{8} = \frac{27}{8}$$

$$12. \quad 1 \frac{5}{6} = \frac{11}{6}$$

Fraction of a Number

Name: _____ Date: _____

Divide by the denominator, then multiply by the numerator.

1. $\frac{1}{2}$ of 8 = _____

2. $\frac{7}{10}$ of 60 = _____

3. $\frac{1}{2}$ of 18 = _____

4. $\frac{5}{8}$ of 16 = _____

5. $\frac{2}{3}$ of 18 = _____

6. $\frac{8}{10}$ of 60 = _____

7. $\frac{2}{8}$ of 48 = _____

8. $\frac{4}{8}$ of 48 = _____

9. $\frac{1}{5}$ of 25 = _____

10. $\frac{1}{2}$ of 12 = _____

11. $\frac{5}{10}$ of 30 = _____

12. $\frac{3}{4}$ of 28 = _____

13. $\frac{1}{5}$ of 20 = _____

14. $\frac{2}{3}$ of 24 = _____

15. $\frac{2}{6}$ of 48 = _____

16. $\frac{1}{3}$ of 15 = _____

Fraction of a Number

Answer Key

Divide by the denominator, then multiply by the numerator.

1. $\frac{1}{2}$ of 8 = 4

2. $\frac{7}{10}$ of 60 = 42

3. $\frac{1}{2}$ of 18 = 9

4. $\frac{5}{8}$ of 16 = 10

5. $\frac{2}{3}$ of 18 = 12

6. $\frac{8}{10}$ of 60 = 48

7. $\frac{2}{8}$ of 48 = 12

8. $\frac{4}{8}$ of 48 = 24

9. $\frac{1}{5}$ of 25 = 5

10. $\frac{1}{2}$ of 12 = 6

11. $\frac{5}{10}$ of 30 = 15

12. $\frac{3}{4}$ of 28 = 21

13. $\frac{1}{5}$ of 20 = 4

14. $\frac{2}{3}$ of 24 = 16

15. $\frac{2}{6}$ of 48 = 16

16. $\frac{1}{3}$ of 15 = 5

Simplifying Fractions Worksheet

Name: _____ Date: _____

Write each fraction in simplest form. Divide the top and bottom by their greatest common factor.

1. $\frac{3}{9} = \frac{\boxed{}}{\boxed{}}$

2. $\frac{10}{12} = \frac{\boxed{}}{\boxed{}}$

3. $\frac{6}{15} = \frac{\boxed{}}{\boxed{}}$

4. $\frac{6}{12} = \frac{\boxed{}}{\boxed{}}$

5. $\frac{10}{15} = \frac{\boxed{}}{\boxed{}}$

6. $\frac{4}{6} = \frac{\boxed{}}{\boxed{}}$

7. $\frac{4}{28} = \frac{\boxed{}}{\boxed{}}$

8. $\frac{3}{24} = \frac{\boxed{}}{\boxed{}}$

9. $\frac{4}{10} = \frac{\boxed{}}{\boxed{}}$

10. $\frac{8}{20} = \frac{\boxed{}}{\boxed{}}$

11. $\frac{4}{8} = \frac{\boxed{}}{\boxed{}}$

12. $\frac{12}{16} = \frac{\boxed{}}{\boxed{}}$

13. $\frac{5}{10} = \frac{\boxed{}}{\boxed{}}$

14. $\frac{4}{12} = \frac{\boxed{}}{\boxed{}}$

15. $\frac{12}{20} = \frac{\boxed{}}{\boxed{}}$

16. $\frac{30}{36} = \frac{\boxed{}}{\boxed{}}$

Simplifying Fractions Worksheet

Answer Key

Write each fraction in simplest form. Divide the top and bottom by their greatest common factor.

1. $\frac{3}{9} = \frac{\boxed{1}}{\boxed{3}}$

2. $\frac{10}{12} = \frac{\boxed{5}}{\boxed{6}}$

3. $\frac{6}{15} = \frac{\boxed{2}}{\boxed{5}}$

4. $\frac{6}{12} = \frac{\boxed{1}}{\boxed{2}}$

5. $\frac{10}{15} = \frac{\boxed{2}}{\boxed{3}}$

6. $\frac{4}{6} = \frac{\boxed{2}}{\boxed{3}}$

7. $\frac{4}{28} = \frac{\boxed{1}}{\boxed{7}}$

8. $\frac{3}{24} = \frac{\boxed{1}}{\boxed{8}}$

9. $\frac{4}{10} = \frac{\boxed{2}}{\boxed{5}}$

10. $\frac{8}{20} = \frac{\boxed{2}}{\boxed{5}}$

11. $\frac{4}{8} = \frac{\boxed{1}}{\boxed{2}}$

12. $\frac{12}{16} = \frac{\boxed{3}}{\boxed{4}}$

13. $\frac{5}{10} = \frac{\boxed{1}}{\boxed{2}}$

14. $\frac{4}{12} = \frac{\boxed{1}}{\boxed{3}}$

15. $\frac{12}{20} = \frac{\boxed{3}}{\boxed{5}}$

16. $\frac{30}{36} = \frac{\boxed{5}}{\boxed{6}}$

Adding and Subtracting Unlike Fractions

Name: _____ Date: _____

Find a common denominator first. Write each answer in simplest form.

1. $\frac{9}{10} - \frac{1}{5} = \frac{\boxed{}}{\boxed{}}$

2. $\frac{5}{6} - \frac{1}{2} = \frac{\boxed{}}{\boxed{}}$

3. $\frac{4}{6} - \frac{1}{2} = \frac{\boxed{}}{\boxed{}}$

4. $\frac{2}{4} - \frac{3}{8} = \frac{\boxed{}}{\boxed{}}$

5. $\frac{3}{5} + \frac{9}{10} = \frac{\boxed{}}{\boxed{}}$

6. $\frac{1}{3} + \frac{2}{6} = \frac{\boxed{}}{\boxed{}}$

7. $\frac{1}{3} + \frac{1}{9} = \frac{\boxed{}}{\boxed{}}$

8. $\frac{3}{4} - \frac{1}{2} = \frac{\boxed{}}{\boxed{}}$

9. $\frac{1}{2} - \frac{2}{6} = \frac{\boxed{}}{\boxed{}}$

10. $\frac{2}{4} + \frac{2}{8} = \frac{\boxed{}}{\boxed{}}$

11. $\frac{2}{4} + \frac{4}{6} = \frac{\boxed{}}{\boxed{}}$

12. $\frac{3}{5} - \frac{1}{2} = \frac{\boxed{}}{\boxed{}}$

Adding and Subtracting Unlike Fractions

Answer Key

Find a common denominator first. Write each answer in simplest form.

1. $\frac{9}{10} - \frac{1}{5} = \frac{\boxed{7}}{\boxed{10}}$

2. $\frac{5}{6} - \frac{1}{2} = \frac{\boxed{1}}{\boxed{3}}$

3. $\frac{4}{6} - \frac{1}{2} = \frac{\boxed{1}}{\boxed{6}}$

4. $\frac{2}{4} - \frac{3}{8} = \frac{\boxed{1}}{\boxed{8}}$

5. $\frac{3}{5} + \frac{9}{10} = \frac{\boxed{3}}{\boxed{2}} = 1 \frac{1}{2}$

6. $\frac{1}{3} + \frac{2}{6} = \frac{\boxed{2}}{\boxed{3}}$

7. $\frac{1}{3} + \frac{1}{9} = \frac{\boxed{4}}{\boxed{9}}$

8. $\frac{3}{4} - \frac{1}{2} = \frac{\boxed{1}}{\boxed{4}}$

9. $\frac{1}{2} - \frac{2}{6} = \frac{\boxed{1}}{\boxed{6}}$

10. $\frac{2}{4} + \frac{2}{8} = \frac{\boxed{3}}{\boxed{4}}$

11. $\frac{2}{4} + \frac{4}{6} = \frac{\boxed{7}}{\boxed{6}} = 1 \frac{1}{6}$

12. $\frac{3}{5} - \frac{1}{2} = \frac{\boxed{1}}{\boxed{10}}$

Multiplying Fractions Worksheet

Name: _____ Date: _____

Multiply the numerators, multiply the denominators, then simplify.

1. $\frac{5}{6} \times \frac{1}{3} = \frac{\boxed{}}{\boxed{}}$

2. $\frac{3}{5} \times \frac{2}{4} = \frac{\boxed{}}{\boxed{}}$

3. $\frac{3}{5} \times \frac{1}{5} = \frac{\boxed{}}{\boxed{}}$

4. $\frac{2}{7} \times \frac{3}{6} = \frac{\boxed{}}{\boxed{}}$

5. $\frac{2}{7} \times \frac{2}{5} = \frac{\boxed{}}{\boxed{}}$

6. $\frac{4}{8} \times \frac{3}{6} = \frac{\boxed{}}{\boxed{}}$

7. $\frac{1}{6} \times \frac{1}{6} = \frac{\boxed{}}{\boxed{}}$

8. $\frac{1}{3} \times \frac{1}{6} = \frac{\boxed{}}{\boxed{}}$

9. $\frac{1}{3} \times \frac{1}{3} = \frac{\boxed{}}{\boxed{}}$

10. $\frac{3}{7} \times \frac{4}{8} = \frac{\boxed{}}{\boxed{}}$

11. $\frac{5}{6} \times \frac{4}{5} = \frac{\boxed{}}{\boxed{}}$

12. $\frac{2}{4} \times \frac{2}{5} = \frac{\boxed{}}{\boxed{}}$

Multiplying Fractions Worksheet

Answer Key

Multiply the numerators, multiply the denominators, then simplify.

1. $\frac{5}{6} \times \frac{1}{3} = \frac{\boxed{5}}{\boxed{18}}$

2. $\frac{3}{5} \times \frac{2}{4} = \frac{\boxed{3}}{\boxed{10}}$

3. $\frac{3}{5} \times \frac{1}{5} = \frac{\boxed{3}}{\boxed{25}}$

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

5. $\frac{2}{7} \times \frac{2}{5} = \frac{\boxed{4}}{\boxed{35}}$

6. $\frac{4}{8} \times \frac{3}{6} = \frac{\boxed{1}}{\boxed{4}}$

7. $\frac{1}{6} \times \frac{1}{6} = \frac{\boxed{1}}{\boxed{36}}$

8. $\frac{1}{3} \times \frac{1}{6} = \frac{\boxed{1}}{\boxed{18}}$

9. $\frac{1}{3} \times \frac{1}{3} = \frac{\boxed{1}}{\boxed{9}}$

10. $\frac{3}{7} \times \frac{4}{8} = \frac{\boxed{3}}{\boxed{14}}$

11. $\frac{5}{6} \times \frac{4}{5} = \frac{\boxed{2}}{\boxed{3}}$

12. $\frac{2}{4} \times \frac{2}{5} = \frac{\boxed{1}}{\boxed{5}}$