

Name: _____

Morning Work: March 16 – 20, 2020

Monday:

$$\begin{array}{r} 459 \\ + 118 \\ \hline \end{array} \quad \begin{array}{r} 9,488 \\ + 4,206 \\ \hline \end{array} \quad \begin{array}{r} 36,425 \\ + 24,153 \\ \hline \end{array}$$

In 2012, the state of Colorado had 2,165,983 male residents and 2,135,278 female residents. How many residents were there in all? Show your work.

What is the difference of 30,745 and 29,471?

The normal price of a car is \$15,900. During a sale, the car is \$1,499 less than the normal price. What is the sale price?

Tuesday:

$$\begin{array}{r} 6,826 \\ + 1,753 \\ \hline \end{array} \quad \begin{array}{r} 6,305 \\ + 9,805 \\ \hline \end{array} \quad \begin{array}{r} 119,763 \\ + 117,247 \\ \hline \end{array}$$

What is the difference between 214,000 and 86,000?

What number is 4,000 less than 4,896,320?

What number is 20 less than 4,896,320?

$$341 - \underline{\quad} = 301 \quad 8,391 - \underline{\quad} = 8,311$$

$$5,169 - \underline{\quad} = 3,069$$

Wednesday:

Which expressions have a difference of 40? Circle all the correct answers.

$$2,980 - 940 \quad 3,570 - 3,530 \quad 299 - 200 - 59$$

$$13,480 - 13,080 \quad 687 - 640 - 7 \quad 1000 - 600 - 60$$

Which difference is equal to 400? Circle one correct answer:

$$79,875 - 75,875 \quad 79,875 - 79,871$$

$$79,875 - 79,475 \quad 79,875 - 75,475$$

$$\begin{array}{r} 685 \\ - 193 \\ \hline \end{array} \quad \begin{array}{r} 378 \\ - 281 \\ \hline \end{array} \quad \begin{array}{r} 598 \\ - 399 \\ \hline \end{array} \quad \begin{array}{r} 401 \\ - 257 \\ \hline \end{array}$$

Thursday:

Complete the subtraction problems below:

$$\begin{array}{r} 7,608 \\ 1,256 \\ - 397 \\ \hline \end{array} \quad \begin{array}{r} 8,009 \\ 1,474 \\ - 3,155 \\ \hline \end{array} \quad \begin{array}{r} 6,167 \\ 823 \\ - 195 \\ \hline \end{array}$$

What is the value of 48 times 9?

What is the product of 1,425 and 4?

18 members of a science club each gave \$12 so the club could buy a solar kit. How much was the solar kit?

Friday:

The table shows the total sales of a juice bar for each season.

Season	Spring	Summer	Fall	Winter
Sales (\$)	27,874	25,655	16,904	14,337

How much more is made in spring and summer than in winter and fall? Show your work.

Answer: \$ _____

Which expressions have a value of 480? Circle all that are correct.

24×20

160×30

40×80

120×6

$(6 \times 8) \times 10$

$(40 \times 10) + (80 \times 10)$

Lionel jogs for 45 minutes every afternoon. Complete the table to show how long he jogs for in total for each number of days.

Number of Days	Total number of Minutes
5	_____
7	_____
14	_____
30	_____
45	_____
60	_____

Work Space:

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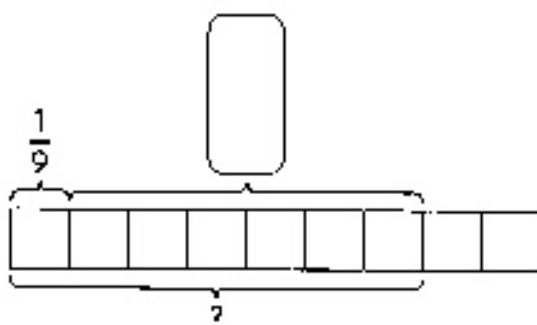
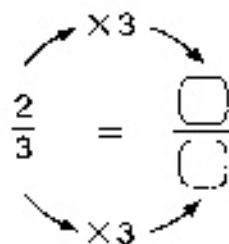
CHAPTER
6

Fractions and Mixed Numbers

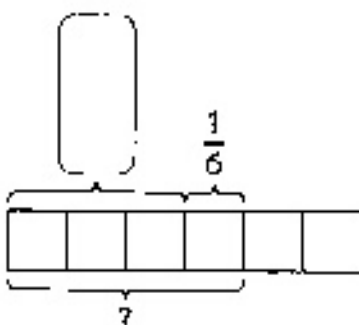
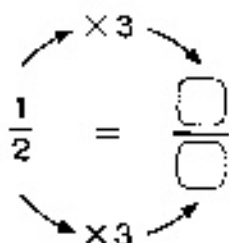
Lesson 6.1 Adding Fractions

Find the equivalent fraction. Complete the model and add the fractions.

1. $\frac{1}{9} + \frac{2}{3} = \frac{\square}{\square} + \frac{\square}{\square} = \square$



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



Add. Write each answer in simplest form.

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

$$4. \quad \frac{2}{3} + \frac{2}{12} = \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} = \boxed{} = \boxed{}$$

5. Add $\frac{1}{4}$ and $\frac{1}{12}$.

6. Add $\frac{1}{4}$ to your answer in Exercise 5.

7. Add $\frac{1}{3}$ and $\frac{1}{6}$.

8. Add $\frac{1}{6}$ to your answer in Exercise 7.

9. What is the sum of $\frac{1}{8}$, $\frac{1}{4}$, and $\frac{2}{4}$?

10. What is the sum of $\frac{1}{6}$, $\frac{3}{18}$, and $\frac{4}{9}$?

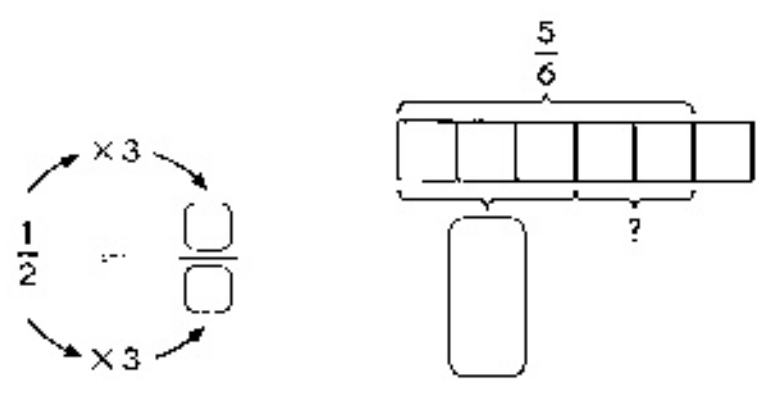
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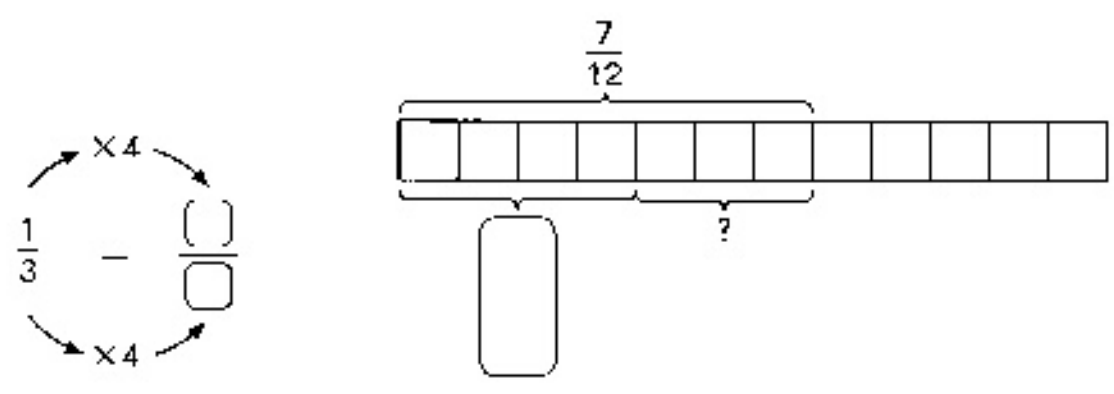
Lesson 6.2 Subtracting Fractions

Find the equivalent fraction. Complete the model. Then subtract.

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



2. $\frac{7}{12} - \frac{1}{3} = \frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square} = \square$



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Subtract. Write each answer in simplest form.

$$3. \quad \frac{3}{4} - \frac{5}{12} = \frac{\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} = \boxed{} = \boxed{}$$

$$4. \quad \frac{4}{5} - \frac{3}{10} = \frac{\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} = \boxed{} = \boxed{}$$

$$5. \quad 1 - \frac{7}{12} - \frac{1}{4} = \boxed{} = \boxed{} \quad 6. \quad 1 - \frac{6}{16} - \frac{4}{8} = \boxed{} = \boxed{}$$

$$7. \quad \text{Subtract } \frac{1}{3} \text{ from } \frac{5}{6}.$$

$$8. \quad \text{Subtract } \frac{5}{6} \text{ from } \frac{11}{12}.$$

$$9. \quad \text{The difference between } \frac{7}{10} \text{ and } \frac{3}{5} \text{ is } \boxed{}.$$

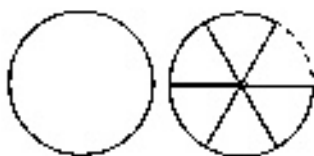
$$10. \quad \text{The difference between } 1 \text{ and } \frac{7}{8} \text{ is } \boxed{}.$$

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Lesson 6.3 Mixed Numbers**Write a mixed number for each model.**

1.



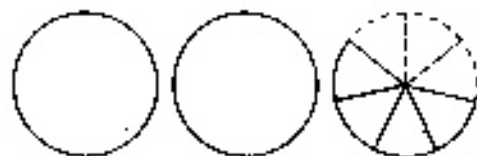
$$1 + \frac{5}{6} = \boxed{}$$

2.



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

3.



$$2 + \frac{4}{7} = \boxed{}$$

4.



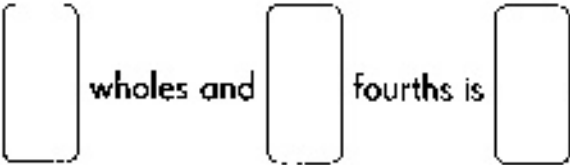





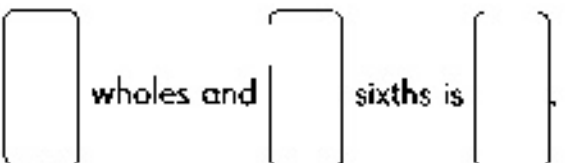
$$5 + \frac{7}{9} = \boxed{}$$




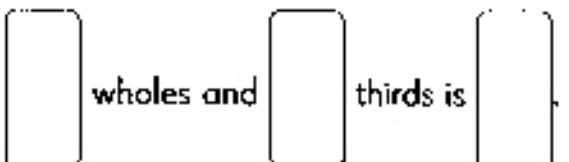
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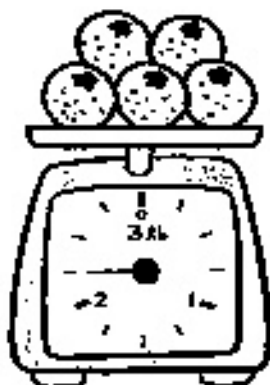
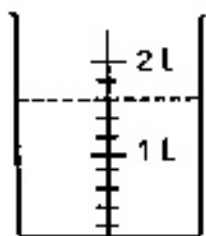
Write a mixed number for each model.

5. 


_____ wholes and _____ fourths is _____.

6. 



_____ wholes and _____ sixths is _____.

7. 



_____ wholes and _____ thirds is _____.

Write a mixed number for each of the following.



8. The volume of water in the container is _____ liters.
9. The weight of five oranges is _____ pounds.

Write each answer as a mixed number.

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

11. $\frac{5}{8} + 4 =$

12. $3 + \frac{4}{9} =$

13. $5 + \frac{7}{12} =$

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

15. $\frac{3}{10} + 4 =$

Simplify.

16. $2\frac{6}{8} =$

17. $1\frac{4}{10} =$

18. $4\frac{3}{9} =$

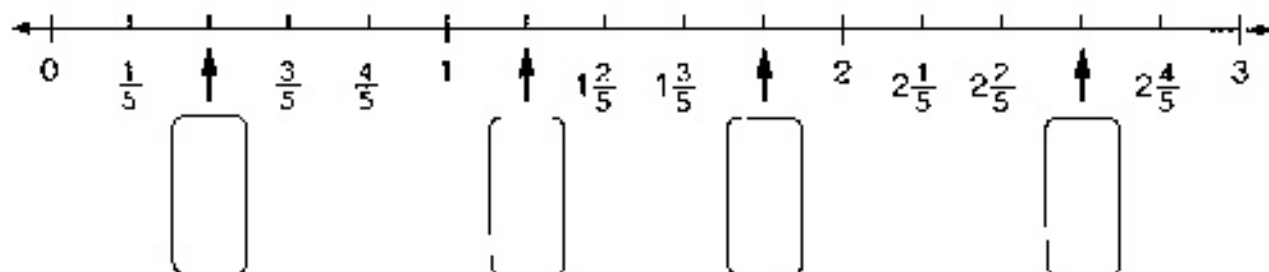
19. $3\frac{9}{12} =$

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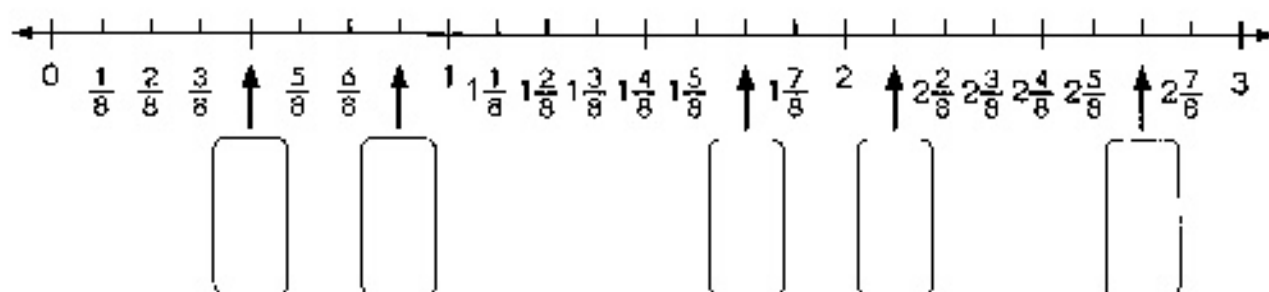
Date: _____

Write the correct fraction or mixed number in each box.
Express each answer in simplest form.

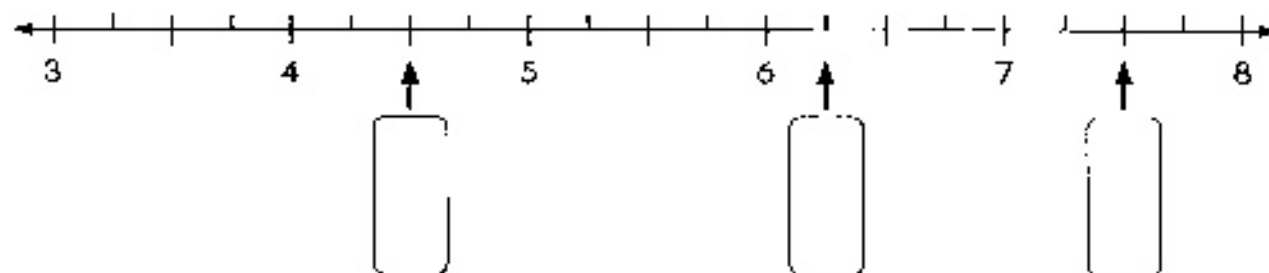
20.



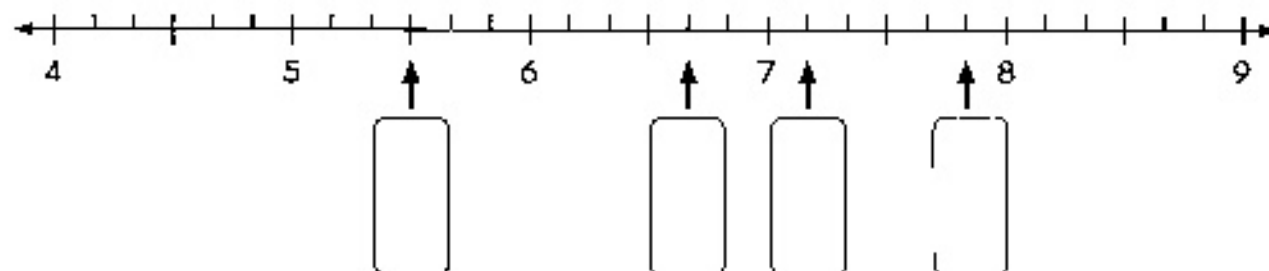
21.



22.



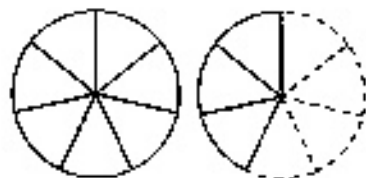
23.



Lesson 6.4 Improper Fractions

Write each mixed number as an improper fraction.

1.



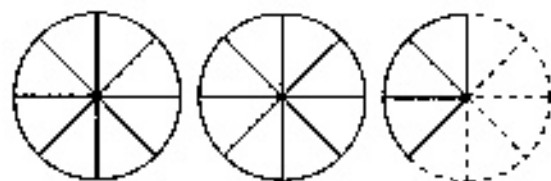
a. $1 =$ _____ sevenths

b. $\frac{3}{7} =$ _____ sevenths

c. $1\frac{3}{7} =$ _____ sevenths

$=$

2.



a. $2 =$ _____ eighths

b. $\frac{6}{8} =$ _____ eighths

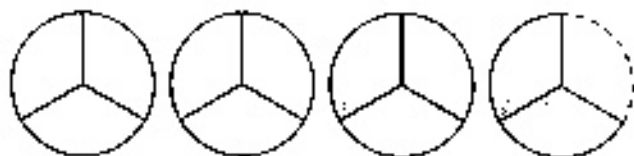
c. $2\frac{6}{8} =$ _____ eighths

$=$

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3.



a. $3 =$ _____ thirds

b. $\frac{2}{3} =$ _____ thirds

c. $3\frac{2}{3} =$ _____ thirds

$$= \boxed{}$$

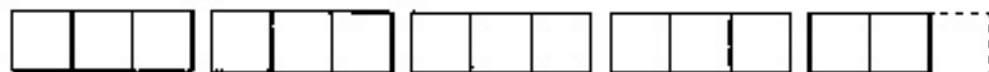
Write the improper fractions for the shaded parts.

4.



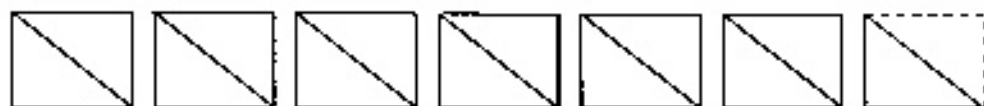
$$1\frac{3}{5} = \boxed{}$$

5.



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

6.



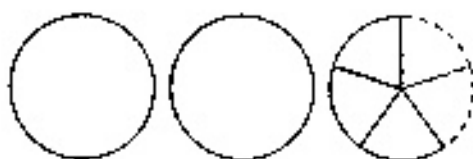
$$6\frac{1}{2} = \boxed{}$$

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Write a mixed number and an improper fraction for each model.

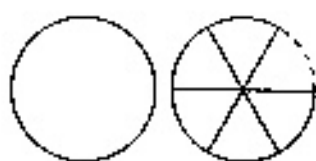
7.



Mixed number:

Improper fraction:

8.



Mixed number:

Improper fraction:

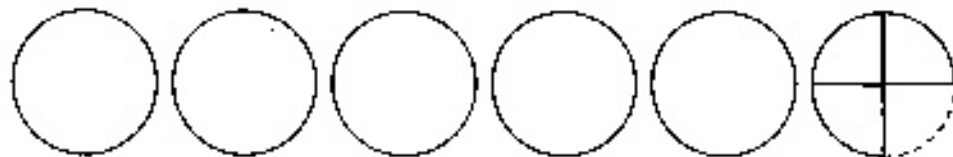
9.



Mixed number:

Improper fraction:

10.



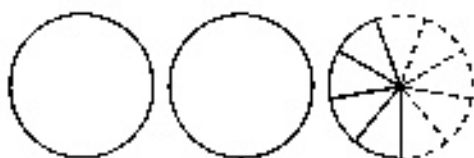
Mixed number:

Improper fraction:

Name: _____

Date: _____

11.



Mixed number:

Improper fraction:

12.



Mixed number:

Improper fraction:

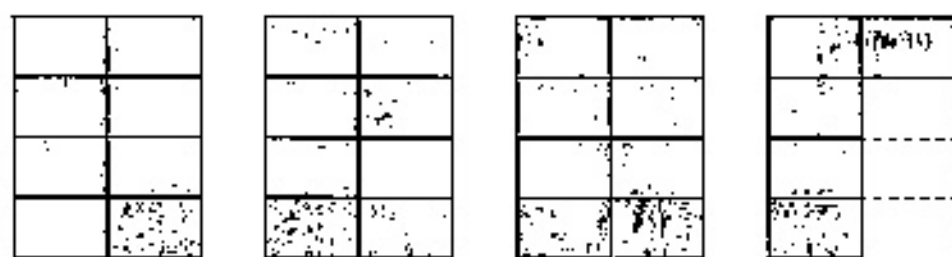
13.



Mixed number:

Improper fraction:

14.



Mixed number:

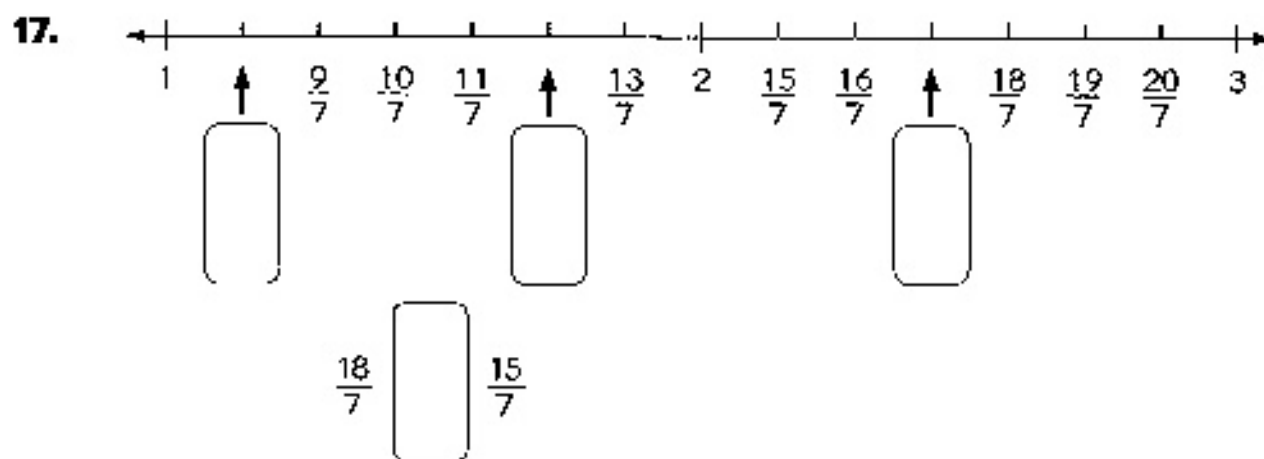
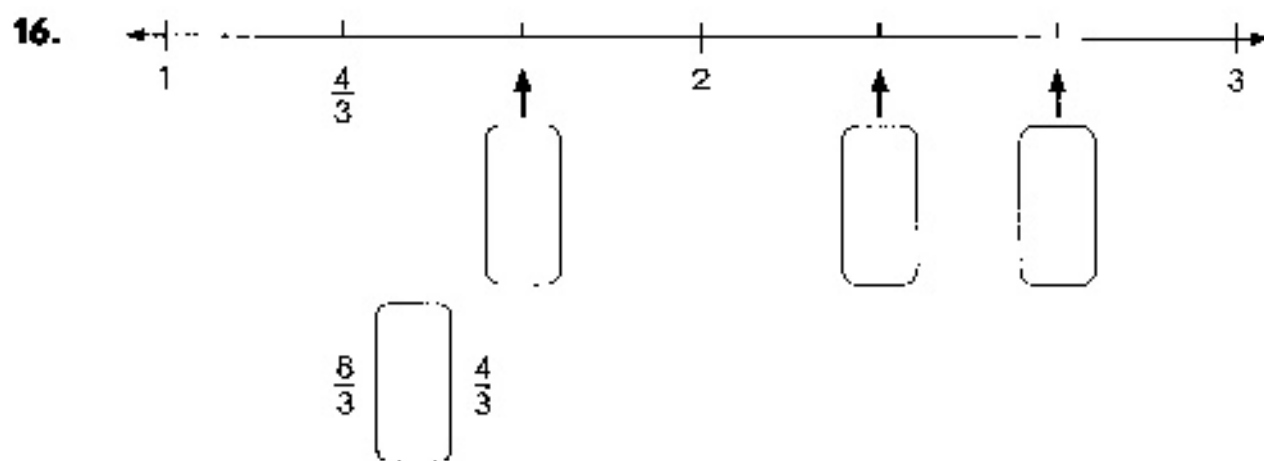
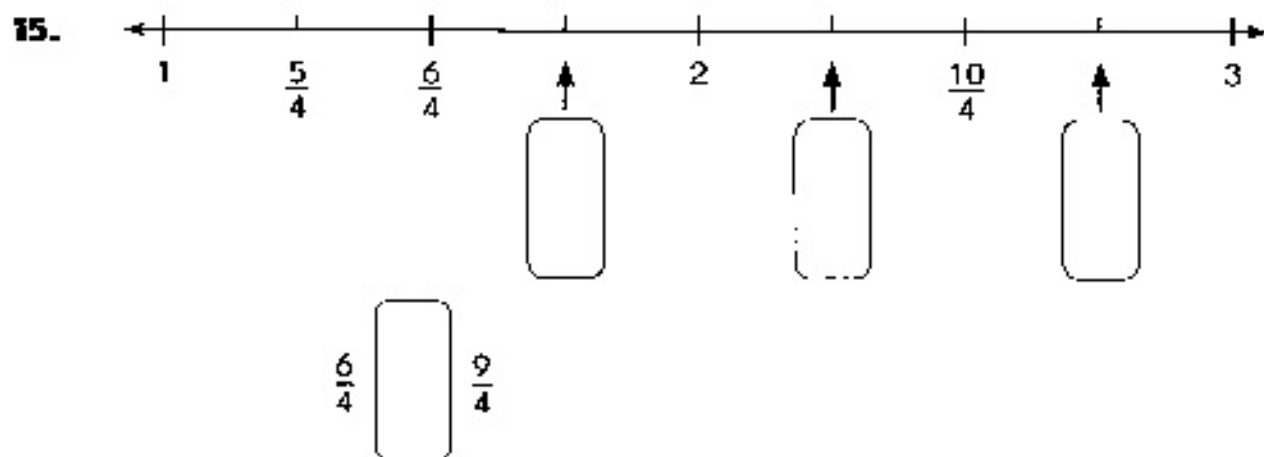
Improper fraction:

Name: _____

Date: _____

**Write the missing improper fraction in each box.
Express each answer in simplest form.**

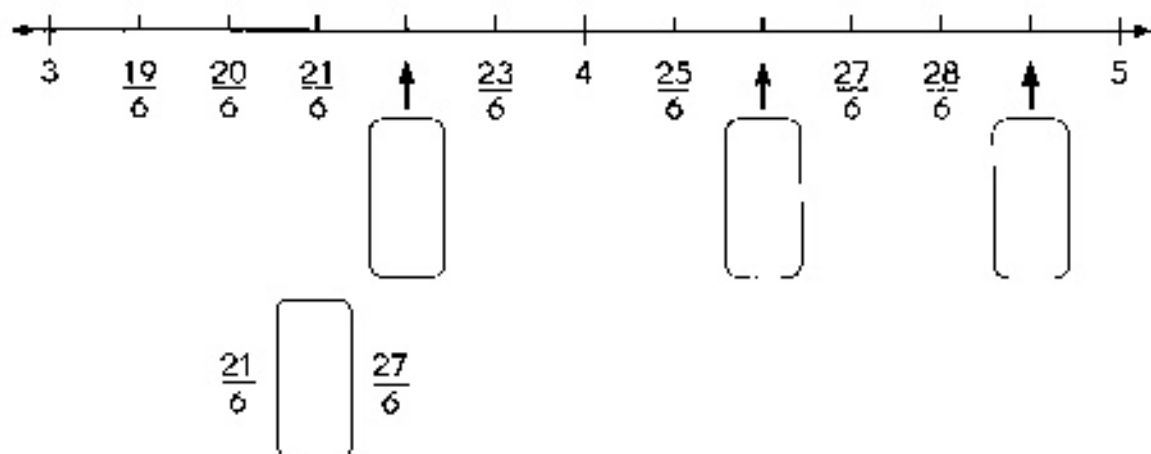
Fill in the box using the line plot with "<" or ">."



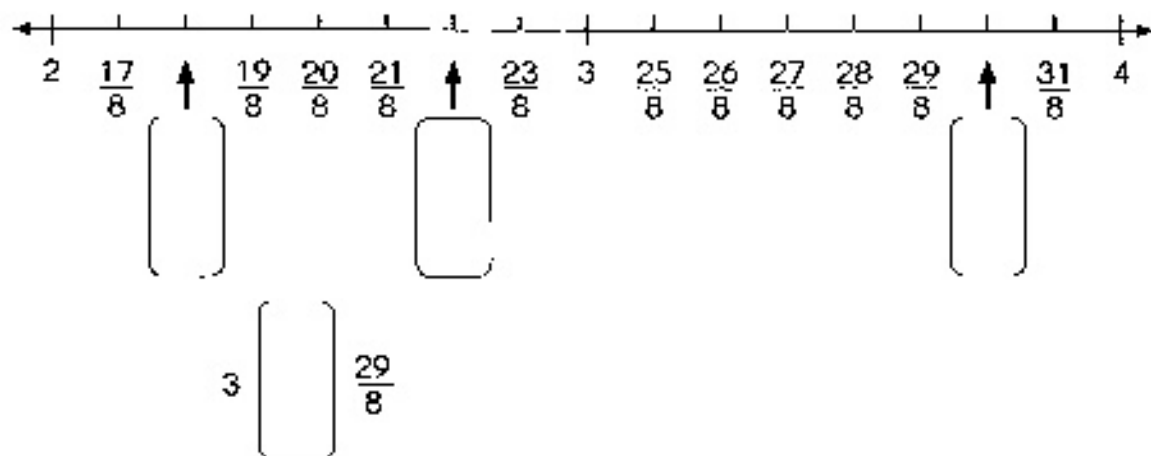
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Date: _____

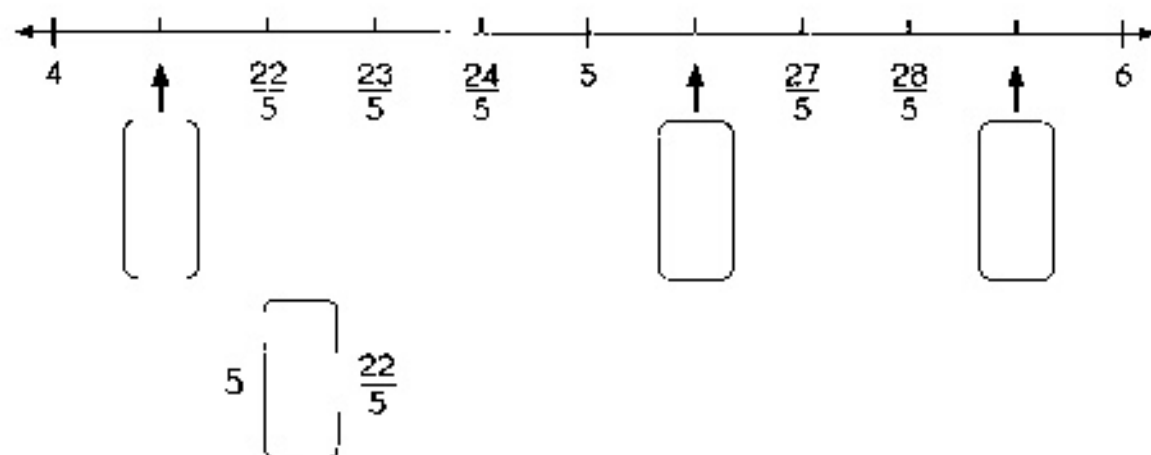
18.



19.



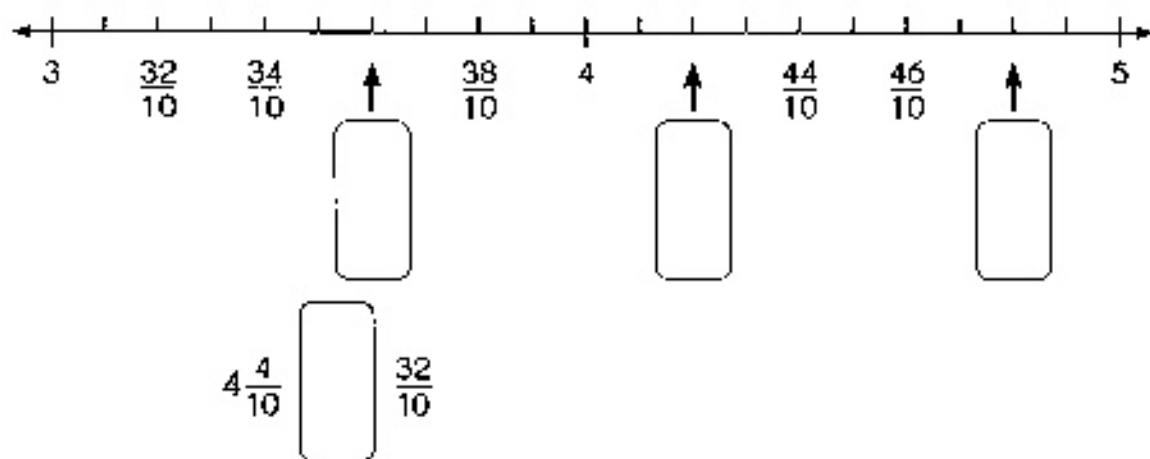
20.



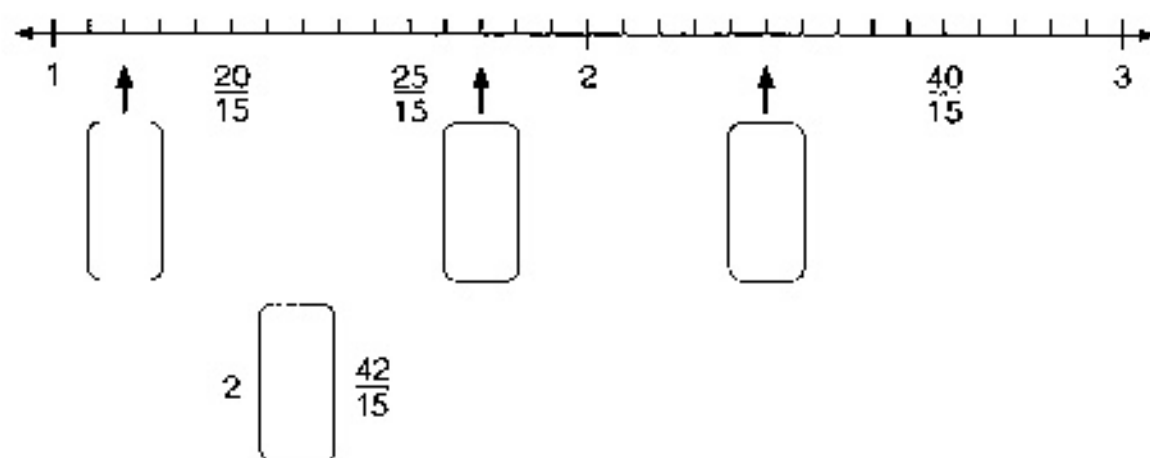
Name: _____

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21.



22.



Lesson 6.5 Renaming Improper Fractions and Mixed Numbers

Express each improper fraction as a mixed number.

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

$$= 5 + \frac{\square}{2}$$

$$= 5 \frac{\square}{2}$$

2. $\frac{20}{3} = \frac{18}{3} + \frac{2}{3}$

$$= 6 + \frac{\square}{3}$$

$$= 6 \frac{\square}{3}$$

3. $\frac{13}{4} = \frac{\square}{4} + \frac{\square}{4}$

$$= 3 + \frac{\square}{4}$$

$$= 3 \frac{\square}{4}$$

4. $\frac{23}{5} = \frac{\square}{5} + \frac{\square}{5}$

$$= 4 + \frac{\square}{5}$$

$$= 4 \frac{\square}{5}$$

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

$$= \square + \frac{\square}{10}$$

$$= \left[\quad \right]$$

6. $\frac{26}{7} = \frac{\square}{7} + \frac{\square}{7}$

$$= \square + \frac{\square}{7}$$

$$= \left[\quad \right]$$

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Express each improper fraction as a mixed number in simplest form.

7. $\frac{16}{6} = 2 + \frac{\boxed{}}{6}$
 $= \boxed{}$

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

9. $\frac{15}{2} = \boxed{}$

10. $\frac{18}{10} = \boxed{}$

11. $\frac{21}{9} = \boxed{}$

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

13. $\frac{22}{7} = \boxed{}$

14. $\frac{36}{6} = \boxed{}$

15. $\frac{30}{4} = \boxed{}$

16. $\frac{42}{5} = \boxed{}$

17. $\frac{28}{13} = \boxed{}$

18. $\frac{48}{15} = \boxed{}$

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Express each mixed number as an improper fraction.

$$\begin{aligned}
 19. \quad 3\frac{2}{3} &= 3 + \frac{2}{3} \\
 &= \frac{\square}{3} + \frac{2}{3} \\
 &= \frac{\square}{3}
 \end{aligned}$$

$$\begin{aligned}
 20. \quad 1\frac{1}{4} &= 1 + \frac{1}{4} \\
 &= \frac{\square}{4} + \frac{1}{4} \\
 &= \frac{\square}{4}
 \end{aligned}$$

$$\begin{aligned}
 21. \quad 2\frac{3}{5} &= \frac{\square}{5} + \frac{3}{5} \\
 &= \frac{\square}{5}
 \end{aligned}$$

$$\begin{aligned}
 22. \quad 2\frac{5}{6} &= \frac{\square}{6} + \frac{5}{6} \\
 &= \frac{\square}{6}
 \end{aligned}$$

$$\begin{aligned}
 23. \quad 2\frac{4}{7} &= \frac{\square}{7} + \frac{\square}{7} \\
 &= \frac{\square}{7}
 \end{aligned}$$

$$\begin{aligned}
 24. \quad 2\frac{2}{9} &= \frac{\square}{9} + \frac{\square}{9} \\
 &= \frac{\square}{9}
 \end{aligned}$$

Express each mixed number as an improper fraction.

25. $4\frac{1}{3} = \boxed{}$

26. $2\frac{3}{10} = \boxed{}$

27. $1\frac{2}{7} = \boxed{}$

28. $1\frac{5}{9} = \boxed{}$

29. $2\frac{1}{4} = \boxed{}$

30. $2\frac{5}{12} = \boxed{}$

31. $1\frac{3}{10} = \boxed{}$

32. $1\frac{2}{11} = \boxed{}$

33. $5\frac{4}{5} = \boxed{}$

34. $3\frac{8}{9} = \boxed{}$

35. $6\frac{1}{5} = \boxed{}$

36. $7\frac{2}{7} = \boxed{}$

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Lesson 6.6 Renaming Whole Numbers when Adding and Subtracting Fractions

Add. Express each answer as a mixed number in simplest form.

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

2. $\frac{3}{4} + \frac{11}{12} =$

3. $\frac{1}{2} + \frac{7}{8} =$

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

5. $\frac{7}{10} + \frac{4}{5} =$

6. $\frac{5}{12} + \frac{2}{3} =$

7. $\frac{5}{6} + \frac{7}{12} =$

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

9. $\frac{5}{12} + \frac{1}{2} + \frac{2}{3} =$

10. $\frac{1}{2} + \frac{3}{8} + \frac{3}{4} =$

Subtract. Express each answer as a mixed number in simplest form.

11. $3 - \frac{7}{12} = \boxed{}$

12. $4 - \frac{8}{9} = \boxed{}$

13. $2 - \frac{4}{5} = \boxed{}$

14. $5 - \frac{2}{3} = \boxed{}$

15. $3 - \frac{1}{6} - \frac{1}{3} = \boxed{}$

16. $4 - \frac{1}{4} - \frac{1}{2} = \boxed{}$

17. $6 - \frac{2}{5} - \frac{3}{10} = \boxed{}$

18. $3 - \frac{2}{7} - \frac{5}{14} = \boxed{}$

19. $2 - \frac{5}{12} - \frac{1}{6} = \boxed{}$

20. $5 - \frac{2}{3} - \frac{2}{9} = \boxed{}$