

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:

Name: _____

Date: _____

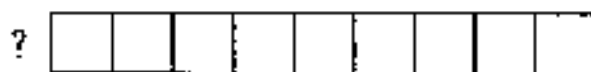
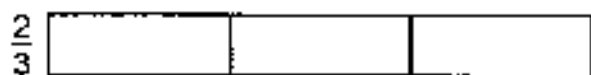
CHAPTER 6

Fractions and Mixed Numbers

Worksheet 1 Adding Fractions

Find the equivalent fraction. Shade the models.

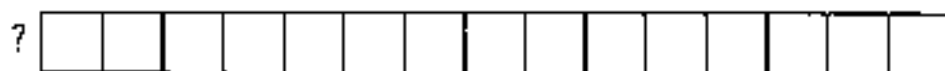
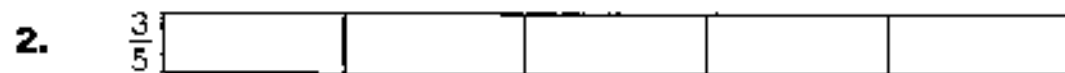
Example



$$\frac{2}{3} = \frac{\boxed{6}}{\boxed{9}}$$



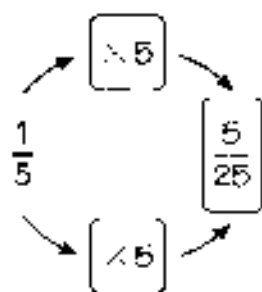
$$\frac{1}{2} = \frac{\boxed{}}{\boxed{}}$$



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

Find the equivalent fractions.

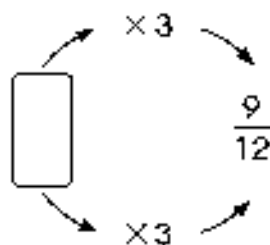
Example



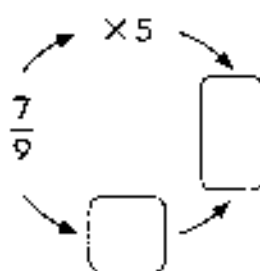
To get the equivalent fraction, multiply both the numerator and the denominator by the same number.



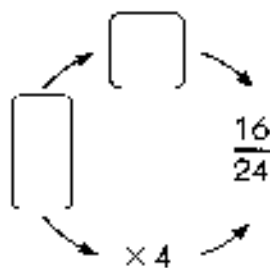
3.



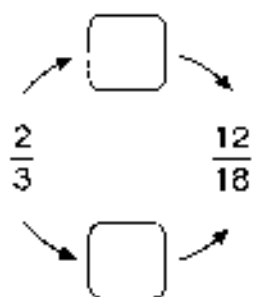
4.



5.



6.



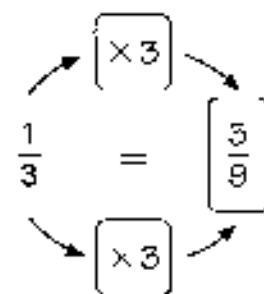
Find the equivalent fractions. Complete the model by shading the correct number of parts. Then add the fractions.

Example

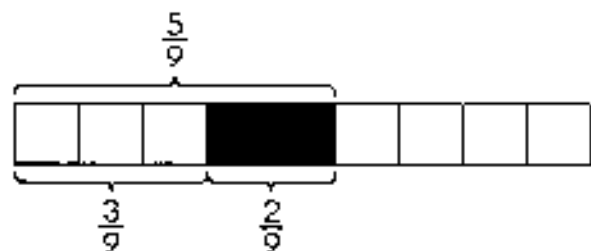
$$\frac{1}{3} + \frac{2}{9} = ?$$

Step 1 Change the denominator of $\frac{1}{3}$ to 9.

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



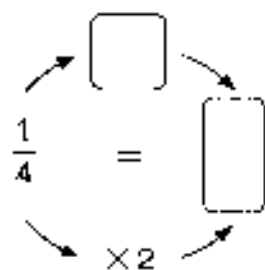
Step 2 Add the like fractions.



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

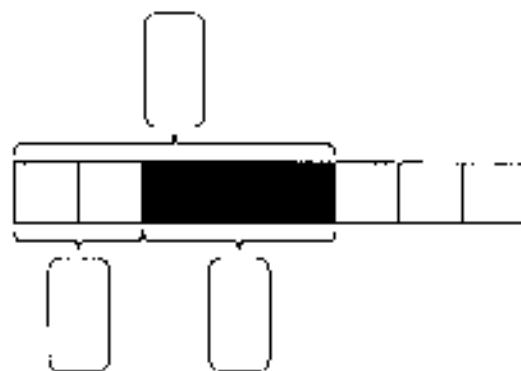
7. $\frac{3}{8} + \frac{1}{4}$

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



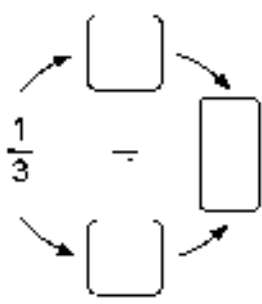
$$\frac{3}{8} + \frac{1}{4} = \frac{3}{8} + \frac{\boxed{}}{}$$

$$= \frac{\boxed{}}{}$$

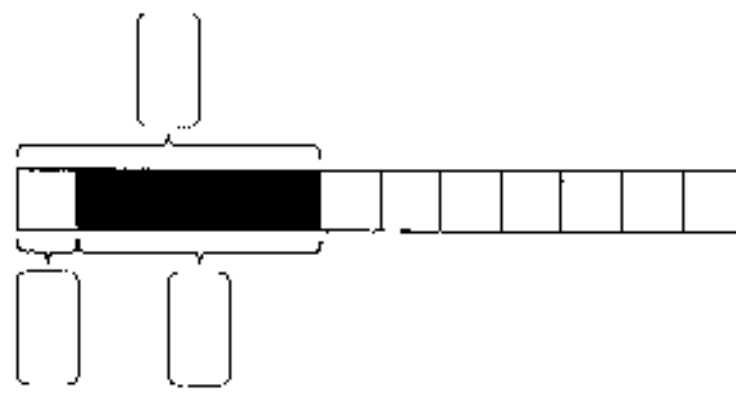


8. $\frac{1}{12} + \frac{1}{3}$

$\frac{1}{3} = \left[\quad \right]$



$\frac{1}{12} + \frac{1}{3} = \left[\quad \right] + \left[\quad \right]$
 $= \left[\quad \right]$

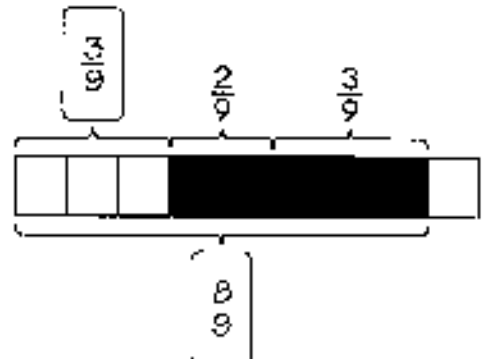
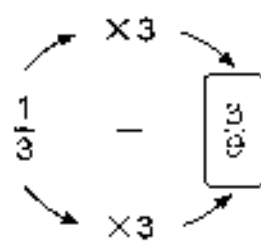


Complete the models. Then add the fractions.

Example

$\frac{1}{3} + \frac{2}{9} + \frac{3}{9} = ?$

$\frac{1}{3} = \left[\frac{3}{9} \right]$



$\frac{1}{3} + \frac{2}{9} + \frac{3}{9} = \left[\frac{3}{9} \right] + \frac{2}{9} + \frac{3}{9}$

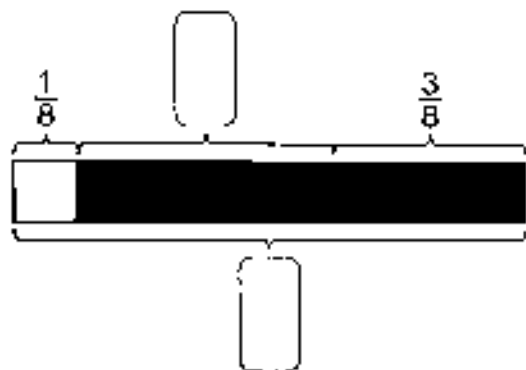
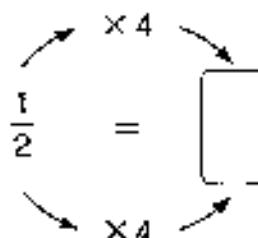
So, $\frac{1}{3} + \frac{2}{9} + \frac{3}{9} = \left[\frac{8}{9} \right]$

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9. $\frac{1}{8} + \frac{1}{2} + \frac{3}{8}$

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



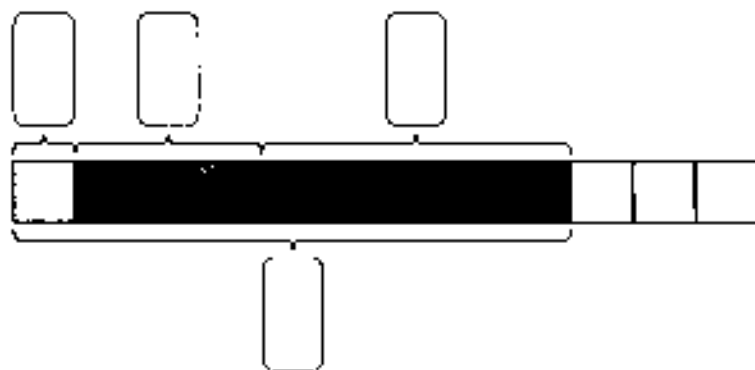
$$\frac{1}{8} + \frac{1}{2} + \frac{3}{8} = \frac{1}{8} + \boxed{} + \frac{3}{8}$$

$$= \boxed{}$$

$$= \boxed{}$$

10. $\frac{1}{12} + \frac{1}{4} + \frac{5}{12}$

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



$$\frac{1}{12} + \frac{1}{4} + \frac{5}{12} = \boxed{} + \boxed{} + \boxed{}$$

$$= \boxed{}$$

$$= \boxed{}$$

Express each fraction in simplest form.*Example*

$$\frac{24}{32} \xrightarrow{\div 8} \frac{3}{4}$$

$$\frac{24}{32} = \frac{\boxed{3}}{\boxed{4}}$$

To simplify a fraction, divide both the numerator and the denominator by the same number.

**11.**

$$\frac{12}{34} = \frac{\boxed{}}{\boxed{}}$$

12.

$$\frac{18}{42} = \frac{\boxed{}}{\boxed{}}$$

A fraction is in its simplest form when the numerator and the denominator cannot both be divided by the same number.

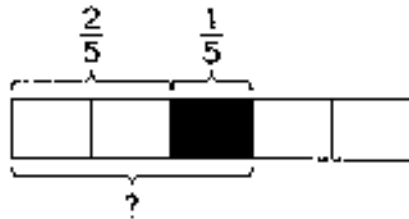
**13.**

$$\frac{21}{63} = \frac{\boxed{}}{\boxed{}}$$

Add. Express each answer in simplest form.

Example

$$\frac{2}{5} + \frac{1}{5} = ?$$

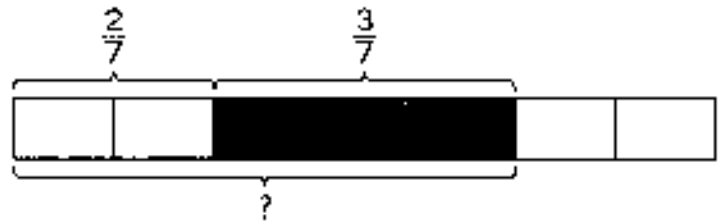


$$\text{So, } \frac{2}{5} + \frac{1}{5} = \frac{\boxed{3}}{\boxed{5}}$$

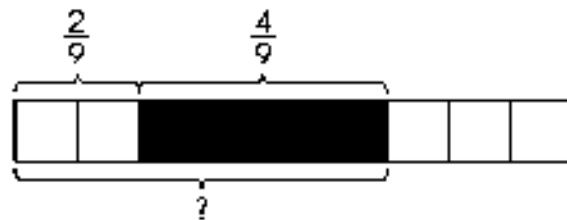
To add like fractions,
add the numerators.



14. $\frac{2}{7} + \frac{3}{7} = \frac{\boxed{}}{\boxed{}}$



15. $\frac{2}{9} + \frac{4}{9} = \frac{\boxed{}}{\boxed{}}$
 $= \frac{\boxed{}}{\boxed{}}$



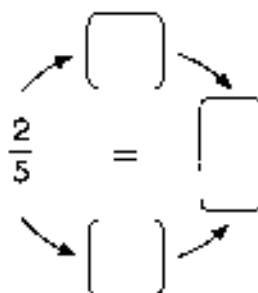
16. $\frac{5}{12} + \frac{7}{12} = \frac{\boxed{}}{\boxed{}}$
 $= \frac{\boxed{}}{\boxed{}}$

17. $\frac{3}{10} + \frac{2}{5} + \frac{1}{10}$

$= \frac{3}{10} + \boxed{} + \frac{1}{10}$

$= \boxed{}$

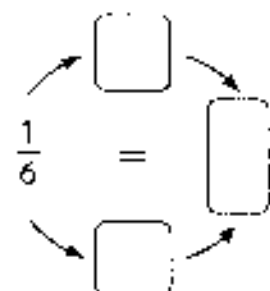
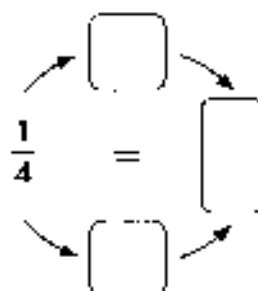
$= \boxed{}$



18. $\frac{1}{4} + \frac{1}{6} + \frac{5}{12} = \boxed{} + \boxed{} + \frac{5}{12}$

$= \boxed{}$

$= \boxed{}$

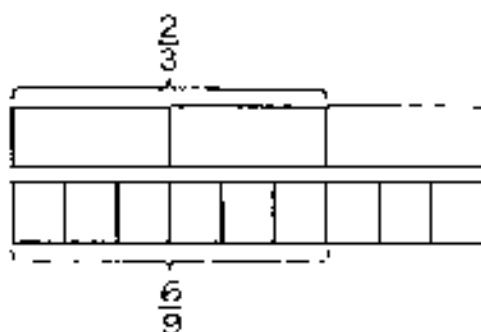


Worksheet 2 Subtracting Fractions

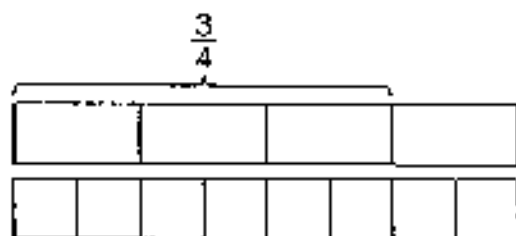
Find the equivalent fraction. Complete the model by shading the correct number of parts.

Example

$$\frac{2}{3} = \frac{\boxed{6}}{\boxed{9}}$$

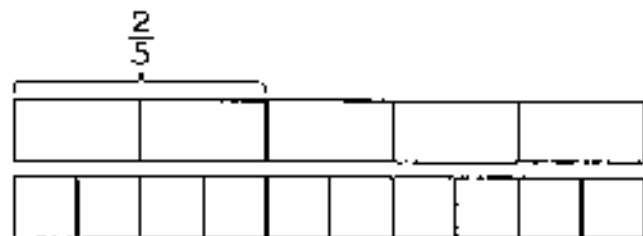


1.



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

2.



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

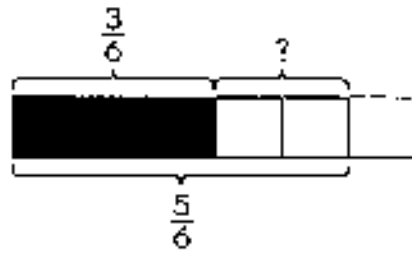
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Subtract. Express each answer in simplest form.

Example

$$\frac{5}{6} - \frac{3}{6} = \left(\frac{2}{6} \right) - \left(\frac{1}{3} \right)$$

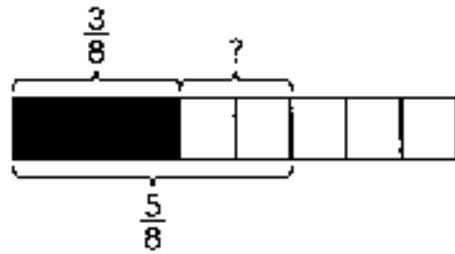


To subtract like fractions, subtract the numerators.



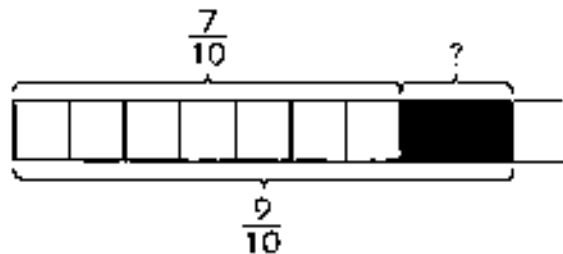
3.

$$\frac{5}{8} - \frac{3}{8} = \left(\quad \right) - \left(\quad \right)$$



4.

$$\frac{9}{10} - \frac{7}{10} = \left(\quad \right) = \left(\quad \right)$$



5.

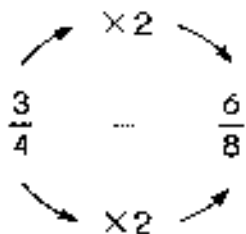
$$\frac{7}{12} - \frac{4}{12} = \left(\quad \right) = \left(\quad \right)$$

Complete the models by shading the correct number of parts. Then subtract the fractions.

Example

$$\frac{7}{8} - \frac{3}{4} = ?$$

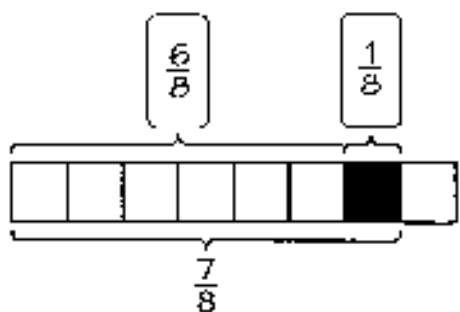
Step 1 Change the denominator of $\frac{3}{4}$ to 8, so that it has the same denominator as $\frac{7}{8}$.



Step 2 Subtract the like fractions.

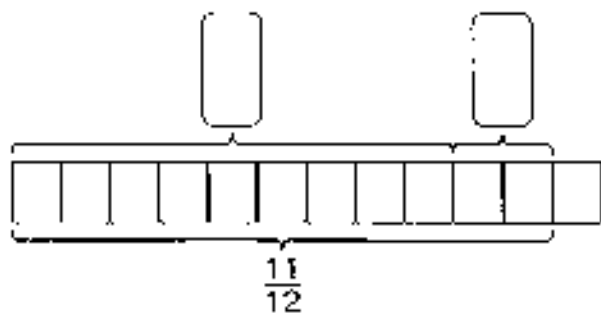
$$\frac{7}{8} - \frac{3}{4} = \frac{7}{8} - \frac{6}{8} - \frac{1}{8}$$

$$\text{So, } \frac{7}{8} - \frac{3}{4} = \frac{1}{8}$$



6. $\frac{11}{12} - \frac{3}{4}$

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



$$\frac{11}{12} - \frac{3}{4} = \frac{11}{12} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

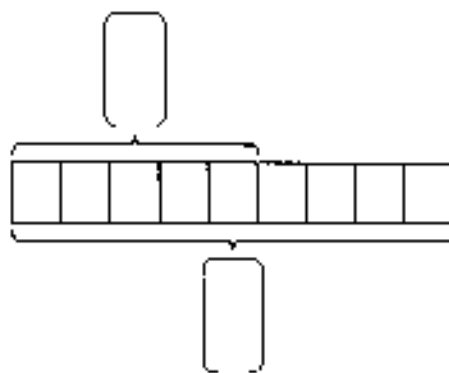
Name: _____

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7. $1 - \frac{5}{9}$

$$1 = \left[\quad \right]$$

$$1 - \frac{5}{9} = \left[\quad \right] - \frac{5}{9} = \left[\quad \right]$$



Find the equivalent fractions. Then subtract.

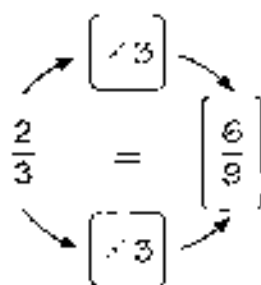
Example

$$\frac{7}{9} - \frac{2}{3} = ?$$

$$\frac{7}{9} - \frac{2}{3} = \frac{7}{9} - \left[\frac{6}{9} \right]$$

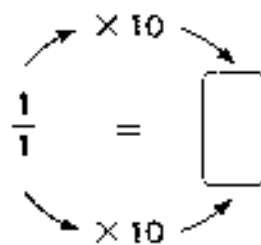
$$= \left[\frac{1}{9} \right]$$

So, $\frac{7}{9} - \frac{2}{3} = \frac{1}{9}$.



8. $1 - \frac{7}{10} = \left[\quad \right] - \frac{7}{10}$

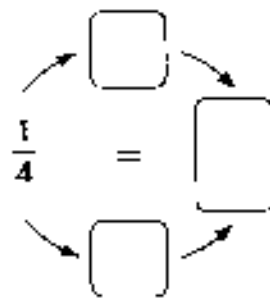
$$= \left[\quad \right]$$



9. $\frac{7}{12} - \frac{1}{4} = \frac{7}{12} - \boxed{}$

$= \boxed{}$

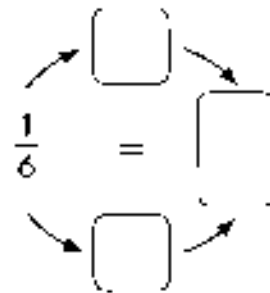
$= \boxed{}$



10. $\frac{11}{12} - \frac{1}{6} = \frac{11}{12} - \boxed{}$

$= \boxed{}$

$= \boxed{}$



Complete the models. Then subtract.

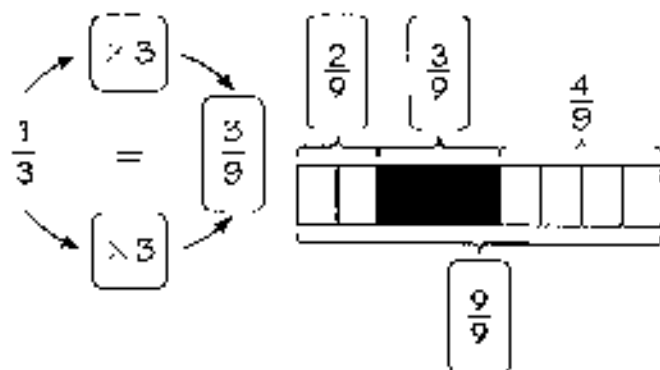
Example

$$1 - \frac{2}{9} - \frac{1}{3} = ?$$

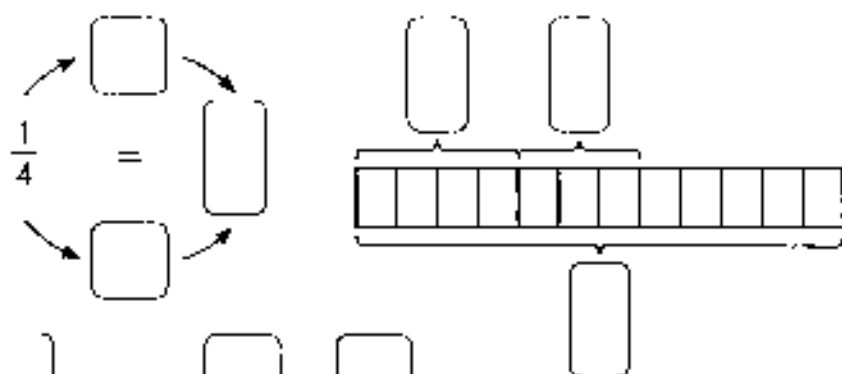
$$1 - \frac{2}{9} - \frac{1}{3}$$

$$= \boxed{\frac{9}{9}} - \frac{2}{9} - \boxed{\frac{3}{9}} = \boxed{\frac{4}{9}}$$

So, $1 - \frac{2}{9} - \frac{1}{3} = \frac{4}{9}$.

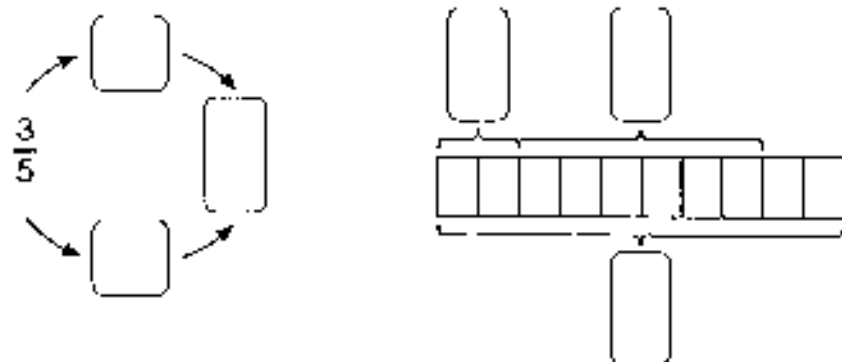


11. $1 - \frac{4}{12} - \frac{1}{4}$



$$1 - \frac{4}{12} - \frac{1}{4} = \boxed{\phantom{\frac{12}{12}}} - \frac{4}{12} - \boxed{\phantom{\frac{3}{12}}} = \boxed{\phantom{\frac{5}{12}}}$$

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



$$1 - \frac{2}{10} - \frac{3}{5} \quad \boxed{\phantom{\frac{10}{10}}} - \boxed{\phantom{\frac{2}{10}}} - \boxed{\phantom{\frac{6}{10}}} = \boxed{\phantom{\frac{2}{10}}} = \boxed{\phantom{\frac{2}{10}}}$$

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Find each difference. Express your answer in simplest form.

Example

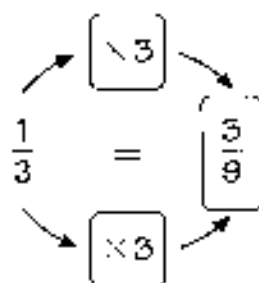
$$1 - \frac{2}{9} - \frac{1}{3} = ?$$

$$1 - \frac{2}{9} - \frac{1}{3}$$

$$= \frac{9}{9} - \frac{2}{9} - \frac{3}{9}$$

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

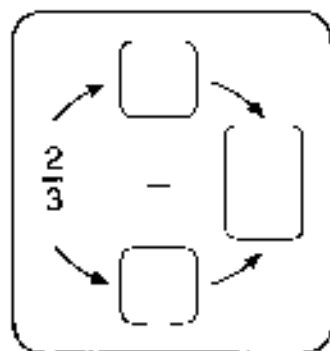
So, $1 - \frac{2}{9} - \frac{1}{3} = \frac{4}{9}$



13. $\frac{17}{21} - \frac{2}{3} - \frac{17}{21} - \boxed{}$

$$= \boxed{}$$

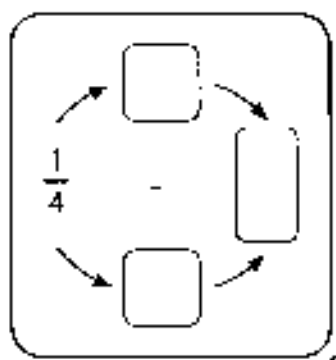
$$- \boxed{}$$



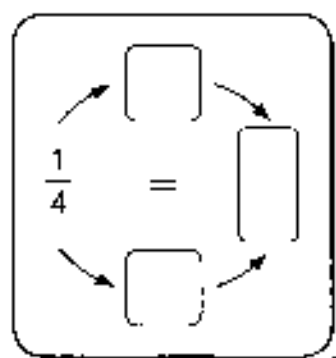
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14. $1 - \frac{1}{4} - \frac{5}{12} = \boxed{} - \boxed{} - \frac{5}{12}$
 $= \boxed{}$
 $= \boxed{}$



15. $1 - \frac{1}{4} - \frac{3}{20} = \boxed{} - \boxed{} - \frac{3}{20}$
 $= \boxed{}$
 $= \boxed{}$



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