

# Review Exercises

1.  $24 + 72 + 31 =$

2.  $705 - 76 =$

3. 
$$\begin{array}{r} 712 \\ - 176 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 55 \\ 666 \\ + 777 \\ \hline \end{array}$$

5. Find the difference of 752 and 317.

6. Find the sum of 27, 29, 53, and 64.

## Helpful Hints

Use what you have learned to solve the following problems.

\* Some fractions may have more than one name.

Example:

This shaded part can be written as  $\frac{1}{2}$  and  $\frac{2}{4}$ .

Write the fraction for each shaded part.

Then write a fraction for each unshaded (white) part.

S1.



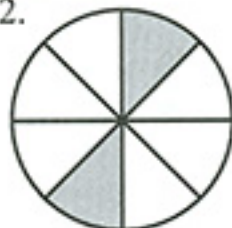
S2.



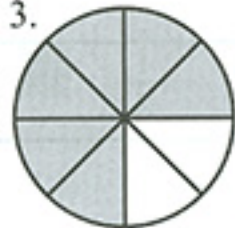
1.



2.



3.



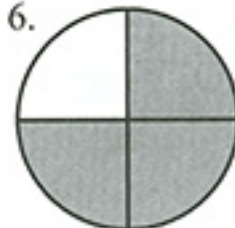
4.



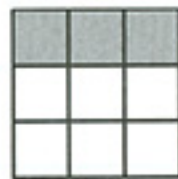
5.



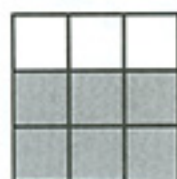
6.



7.



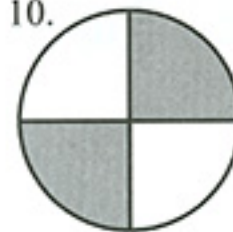
8.



9.



10.



1.

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10.

Score

## Problem Solving

Roger earned \$850. If he spent \$79 for groceries, how much of his earnings were left?

## Review Exercises

$$\begin{array}{r} 1. \quad \frac{7}{12} \\ + \frac{9}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \frac{15}{16} \\ - \frac{11}{16} \\ \hline \end{array}$$

3. Find the least common denominator for  $\frac{5}{6}$  and  $\frac{7}{15}$ .

$$\begin{array}{r} 6. \quad \frac{5}{2} \\ \frac{3}{2} \\ + \frac{7}{2} \\ \hline \end{array}$$

4. Reduce  $\frac{56}{70}$  to its lowest terms.

5. Change  $\frac{57}{11}$  to a mixed number.

## Helpful Hints

To add fractions with unlike denominators, find the least common denominator. Multiply each fraction by one to make equivalent fractions. Finally, add.

## Examples:

$$\begin{array}{r} \frac{2}{5} \times \frac{2}{2} = \frac{4}{10} \\ + \frac{1}{2} \times \frac{5}{5} = \frac{5}{10} \\ \hline \frac{9}{10} \end{array} \quad \begin{array}{r} \frac{5}{6} \times \frac{2}{2} = \frac{10}{12} \\ + \frac{1}{4} \times \frac{3}{3} = \frac{3}{12} \\ \hline \frac{13}{12} = 1 \frac{1}{12} \end{array}$$

$$\begin{array}{r} S1. \quad \frac{1}{3} \\ + \frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{r} S2. \quad \frac{3}{5} \\ + \frac{7}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 1. \quad \frac{5}{9} \\ + \frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \frac{2}{3} \\ + \frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \frac{1}{4} \\ + \frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \frac{3}{4} \\ + \frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \frac{5}{6} \\ + \frac{5}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad \frac{1}{2} \\ + \frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad \frac{1}{6} \\ + \frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \frac{7}{9} \\ + \frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad \frac{7}{11} \\ + \frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad \frac{3}{8} \\ + \frac{1}{6} \\ \hline \end{array}$$

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

## Problem Solving

Frankie worked for  $7\frac{1}{4}$  hours on Tuesday and  $5\frac{3}{4}$  on Wednesday. How many more hours did he work on Tuesday than on Wednesday?

Score

## Review Exercises

1.  $\frac{2}{3} \times \frac{5}{7} =$

4. Find  $\frac{2}{5}$  of 25 =

2.  $\frac{5}{6} \times \frac{12}{13} =$

5.  $7 \times \frac{2}{3} =$

3.  $\frac{24}{25} \times \frac{50}{8} =$

6.  $\frac{3}{4} \times 32 =$

### Helpful Hints

To multiply mixed numerals, first change them to improper fractions, then multiply. Express answers in lowest terms.

**Example:**  $1\frac{1}{2} \times 1\frac{5}{6} =$   
 $\frac{3}{2} \times \frac{11}{6} = \frac{11}{4} = 2\frac{3}{4}$

S1.  $\frac{1}{3} \times 1\frac{1}{3} =$

S2.  $2\frac{1}{4} \times 2\frac{1}{3} =$

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

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

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

4.  $3\frac{1}{7} \times 1\frac{2}{5} =$

5.  $3\frac{2}{3} \times 2\frac{1}{4} =$

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

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

8.  $2\frac{1}{2} \times 8 =$

9.  $3\frac{1}{2} \times 4\frac{2}{3} =$

10.  $3\frac{1}{6} \times \frac{6}{7} =$

1.

2.

3.

4.

5.

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10.

Score

### Problem Solving

If a long distance runner can run 8 miles in an hour, how far can he run in  $4\frac{1}{2}$  hours?