

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.



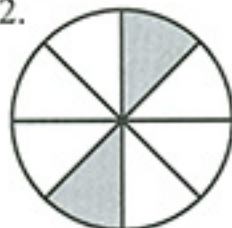
S2.



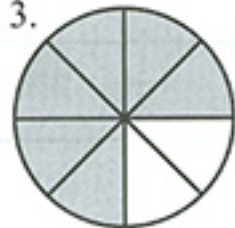
1.



2.



3.



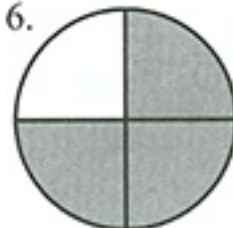
4.



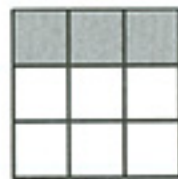
5.



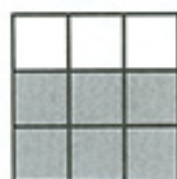
6.



7.



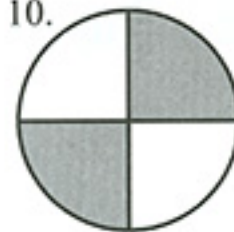
8.



9.



10.



1.

2.

3.

4.

5.

6.

7.

8.

9.

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.

6.

7.

8.

9.

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?