

# Fractions Lesson 6

## Spatial Arrangements

### with Simple Fractions and Mixed Numbers

### Activity Answer Key

Write the following problems in a spatially aligned format on a braillewriter. You do not need to number your problems. You can simply braille one problem, press the line spacing key twice moving down the page and braille the next problem and so forth. However, if you choose to number your problems, remember that you must leave one blank column between the period of the problem number and the beginning of the separation line. [There is a braille answer document "L6-Fractions-Activity-Answers.brf" that can be used to independently check answers.]

1. one-half plus one-third

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

Answer:

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

2. three-fourths minus eleven-sixteenths

$$\begin{array}{r} \frac{3}{4} \\ - \frac{11}{16} \\ \hline \end{array}$$

Answer:

$$\begin{array}{r} \frac{3}{4} \\ - \frac{11}{16} \\ \hline \end{array}$$

3. five-tenths plus three-hundredths

$$\begin{array}{r} 5 \\ \hline 10 \\ + 3 \\ \hline 100 \end{array}$$

Answer:

4. fifteen-sixteenths minus nine thirty-seconds

$$\begin{array}{r} 15 \\ 16 \\ 9 \\ - \\ \hline 32 \end{array}$$

Answer:

5. two and three-eighths plus one and seven-twelfths

$$\begin{array}{r} 2\frac{3}{8} \\ + 1\frac{7}{12} \\ \hline \end{array}$$

Answer:

6. thirty-five and eleven-twelfths minus four and two-twelfths

$$\begin{array}{r} 35\frac{11}{12} \\ - 4\frac{2}{12} \\ \hline \end{array}$$

Answer:

$$\begin{array}{r} 35\frac{11}{12} \\ - 4\frac{2}{12} \\ \hline \end{array}$$

7. six and one-seventh plus three and one-eighth

$$\begin{array}{r} 6\frac{1}{7} \\ + 3\frac{1}{8} \\ \hline \end{array}$$

Answer:

$$\begin{array}{r} 6\frac{1}{7} \\ + 3\frac{1}{8} \\ \hline \end{array}$$

8. nine and three-fourths minus one-fifth

$$\begin{array}{r} 9\frac{3}{4} \\ - \frac{1}{5} \\ \hline \end{array}$$

Answer:

$$\begin{array}{r} 9\frac{3}{4} \\ - \frac{1}{5} \\ \hline \end{array}$$