

Fractions Lesson 2

Simple Fractions

with Signs of Operation and Comparison

with Variables

Activity Answer Key

The purpose of this exercise is to practice writing problems with simple fractions. You will not be solving the problems. Write the following problems involving simple fractions using a horizontal fraction line and number each problem. [There is a braille answer document "L2-Fractions-Activity-V-Answers.brf" that can be used to independently check answers.]

1. one-fifth plus four-fifths

$$\frac{1}{5} + \frac{4}{5}$$

Answer:

2. seven-twelfths times (multiplication dot) three-sevenths

$$\frac{7}{12} \cdot \frac{3}{7}$$

Answer:

3. six-sevenths minus five-fourteenths

$$\frac{6}{7} - \frac{5}{14}$$

Answer:

4. four-ninths divided by two-ninths

$$\frac{4}{9} \div \frac{2}{9}$$

Answer: 

5. open fraction thirty-two over eighty-five close fraction times
(multiplication cross) seventeen-eighths

$$\frac{32}{85} \times \frac{17}{8}$$

Answer: 

6. open fraction two over x close fraction divided by open fraction six over x close fraction

$$\frac{2}{x} \div \frac{6}{x}$$

Answer:

The answer is represented by 16 Braille characters arranged horizontally. The first character is a space, followed by the letters A, N, S, W, E, R, each represented by two Braille cells. This is followed by another space, then the letter T, and finally the letter I, also each represented by two Braille cells.

7. open fraction y over z close fraction times (multiplication dot) open fraction z over x close fraction

$$\frac{y}{z} \cdot \frac{z}{x}$$

Answer: 

8. $\frac{p - q}{p + q} + \frac{q - p}{p + q}$

$$\frac{p-q}{p+q} + \frac{q-p}{p+q}$$

Answer:

9. Five-sixths is greater than one-sixth.

$$\frac{5}{6} > \frac{1}{6}$$

Answer:

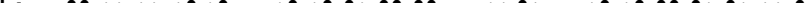
10. Three-fourths equals seventy-five hundredths.

$$\frac{3}{4} = \frac{75}{100}$$

Answer: 

11. Four-sevenths is less than five hundred seventy-two thousandths.

$$\frac{4}{7} < \frac{572}{1000}$$

Answer: 

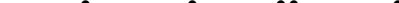

12. Open fraction three minus two over four close fraction minus one-fourth equals zero.

$$\frac{3-2}{4} - \frac{1}{4} = 0$$

Answer:


13. Twenty-four twenty-fifths divided by twelve-fiftieths is less than nine-halves.

$$\frac{24}{25} \div \frac{12}{50} < \frac{9}{2}$$

Answer: 


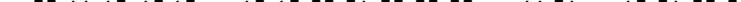
14. Open fraction three x cubed over x cubed close fraction equals open fraction three y cubed over y cubed close fraction.

$$\frac{3x^3}{x^3} = \frac{3y^3}{y^3}$$

Answer: 

15. Open fraction four y over seven y close fraction is less than open fraction nine y over fourteen y close fraction.

$$\frac{4y}{7y} < \frac{9y}{14y}$$

Answer: 

16. Open fraction five z over z plus 1 close fraction is greater than open fraction seven z minus four over z plus one close fraction.

$$\frac{5z}{z+1} > \frac{7z-4}{z+1}$$

Answer: