

Mixed Numbers with Operation and Comparison Signs

Activity

Write the following problems involving mixed numbers using a horizontal fraction line and number each problem.

1. $3\frac{1}{2} + 2\frac{1}{4}$ three and one-half plus two and one-fourth

Answer: 

2. $52\frac{4}{5} \cdot \frac{5}{8}$ fifty-two and four-fifths times (multiplication dot) five-eighths

Answer: 

3. $7\frac{2}{9} \times 4$ seven and two-ninths times (multiplication cross) four

Answer: 

4. $4\frac{1}{3} < 4\frac{2}{3}$ Four and one-third is less than four and two-thirds.

Answer: 

5. $5\frac{2}{9} = 5\frac{4}{18}$ Five and two-ninths equals five and four-eighteenths.

Answer: 

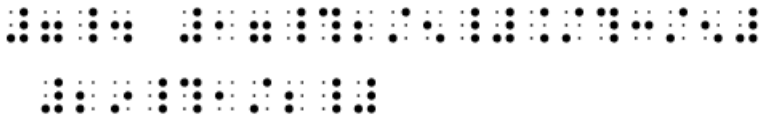
6. $8\frac{5}{6} > \frac{883}{100}$

Eight and five-sixths is greater than eight hundred eighty-three hundredths.

Answer: 

$$7. 17\frac{2}{5} \div \frac{3}{5} < 29\frac{1}{2}$$

Seventeen and two-fifths divided by three-fifths is less than twenty-nine and one-half.

Answer: 

Write the following problems involving mixed numbers using a diagonal fraction line where the numerator is raised higher than the denominator. Also number each problem.

$$8. 3 + 1\frac{9}{10} \text{ three plus one and nine-tenths}$$

Answer: 

$$9. 76\frac{3}{7} \cdot 9\frac{2}{5}$$

seventy-six and three-sevenths times (multiplication dot) nine and two-fifths

Answer: 

$$10. 3\frac{1}{8} = 3\frac{2}{16} \text{ Three and one-eighth equals three and two-sixteenths.}$$

Answer: 

$$11. 12 < 12\frac{1}{10} \text{ Twelve is less than twelve and one-tenth.}$$

Answer: 

$$12. 6\frac{3}{4} - 1\frac{1}{4} = 5\frac{1}{2}$$

Six and three-fourths minus one and one-fourth equals five and one-half.

Answer: 