

Solving Equations with Fractions 2

Clearing Fractions

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

Solve.

1)  $m - \frac{1}{4} = \frac{1}{7}$

1) \_\_\_\_\_

2)  $\frac{5}{4}x = \frac{10}{20}$

2) \_\_\_\_\_

3)  $8z + \frac{1}{18} - 7z = \frac{2}{3}$

3) \_\_\_\_\_

4)  $\frac{x}{8} = \frac{x}{5} + \frac{9}{8}$

4) \_\_\_\_\_

5)  $\frac{3}{7} - \frac{1}{4} = \frac{x}{28}$

5) \_\_\_\_\_

6)  $x + \frac{1}{12} = \frac{11}{12}$

6) \_\_\_\_\_

7)  $x - \frac{3}{5} = -\frac{3}{10}$

7) \_\_\_\_\_

8)  $\frac{3}{10}x = -\frac{3}{10}$

8) \_\_\_\_\_

9)  $x - \frac{1}{5} = \frac{1}{30}$

9) \_\_\_\_\_

10)  $-8x = 7$

10) \_\_\_\_\_

11)  $\frac{x}{3} - 2 = \frac{x}{8}$

11) \_\_\_\_\_

12)  $\frac{x}{4} - 1 = \frac{5}{4}$

12) \_\_\_\_\_

13)  $\frac{x}{12} + \frac{x}{6} = 22$

13) \_\_\_\_\_

14)  $\frac{x}{7} - x = -2$

14) \_\_\_\_\_

Answer Key

Testname: SOLVINGEQUATIONSWITHFRACTIONS

1)  $\frac{11}{28}$

2)  $\frac{2}{5}$

3)  $\frac{11}{18}$

4) - 15

5) 5

6)  $\frac{5}{6}$

7)  $\frac{3}{10}$

8) - 1

9)  $\frac{7}{30}$

10)  $-\frac{7}{8}$

11)  $\frac{48}{5}$

12) 9

13) 88

14)  $\frac{7}{3}$