

2.4 Worksheet

1.) $-7/8 + 3x = -1/8$

$$x = \frac{1}{4}$$

2.) $1/3x - 4 = -71/18$

$$x = \frac{1}{6}$$

3.) $7x + 5/8 + 5/6x = 421/72$

$$x = \frac{2}{3}$$

4.) $85/14 = 6/7x - 7x + 3$

$$x = -\frac{1}{2}$$

5.) $40/9 = -2/3x + 3x + 6$

$$x = -\frac{2}{3}$$

6.) $-2/3x + 6 + 2/5x = 94/15$

$$x = -1$$

7.) $-7x - 1/2 = -383/6 - 2/3x$

$$x = 10$$

8.) $1/2 + 1/2x = 5x - 13/4$

$$x = \frac{5}{6}$$

9.) $3/5x + 1/2 = -1/2 + 1/2x$

$$x = -10$$

10.) $-3/5 + 1/2x = 6/7x - 3/5$

$$x = 0$$

11.) $-3/4(-1/7x - 1/6) = 9/112$

$$x = -\frac{5}{12}$$

12.) $5/7(5/9 + 1/2x) = 205/63$

$$x = 8$$

13.) $-4(5x + 1/5) = 96/5$

$$x = -1$$

14.) $-1(2 + x) = -3$

$$x = 1$$