

Name \_\_\_\_\_

Date \_\_\_\_\_

Multiply by the reciprocal.

1)  $\frac{1}{3}(4x + 7) = 10$

2)  $\frac{2}{5}(3x + 4) = 8$

3)  $\frac{2}{3}(5x + 3) = 18$

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

5)  $\frac{3}{5}x = 2$

6)  $\frac{2}{3}x = 10$

Think about these.

7)  $\frac{1}{3}(6x + 9) = 10$

8)  $\frac{2}{5}(10x + 15) = 8$

9)  $\frac{1}{4}(12x + 8) = 18$

10)  $\frac{1}{3}x + 5 = 12$

11)  $\frac{2}{5}x + 8 = 20$

12)  $\frac{3}{4}x - 7 = 23$

13)  $\frac{1}{8} + x = \frac{1}{4}$

14)  $\frac{2}{3} - y = \frac{1}{6}$

15)  $y - \frac{3}{4} = \frac{1}{2}$

16)  $\frac{1}{8}x + x = \frac{1}{4}$

17)  $\frac{2}{3}y - y = \frac{1}{6}$

18)  $\frac{1}{2}y + \frac{3}{4}y = \frac{1}{2}$