Name: _____ **Date:** _____

Inverse operations: Questions

(1)
$$\frac{x+6}{4} = 3$$
$$\frac{x+6}{4} \times \ldots = 3 \times \ldots$$
$$x+6 = \ldots$$
$$x+6-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(2)
$$\frac{x+6}{6} = 3$$
$$\frac{x+6}{6} \times \ldots = 3 \times \ldots$$
$$x+6 = \ldots$$
$$x+6-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(3)
$$\frac{x+2}{10} = 5$$
$$\frac{x+2}{10} \times \ldots = 5 \times \ldots$$
$$x+2 = \ldots$$
$$x+2-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(4)
$$\frac{x+7}{4} = 3$$
$$\frac{x+7}{4} \times \ldots = 3 \times \ldots$$
$$x+7 = \ldots$$
$$x+7-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(5)
$$\frac{x+6}{7} = 2$$
$$\frac{x+6}{7} \times \ldots = 2 \times \ldots$$
$$x+6 = \ldots$$
$$x+6-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(6)
$$\frac{x+1}{2} = 7$$
$$\frac{x+1}{2} \times \ldots = 7 \times \ldots$$
$$x+1 = \ldots$$
$$x+1-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(7)
$$\frac{x+3}{7} = 8$$
$$\frac{x+3}{7} \times \ldots = 8 \times \ldots$$
$$x+3 = \ldots$$
$$x+3-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(8)
$$\frac{x+1}{10} = 2$$
$$\frac{x+1}{10} \times \ldots = 2 \times \ldots$$
$$x+1 = \ldots$$
$$x+1-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(9)
$$\frac{x+5}{3} = 7$$
$$\frac{x+5}{3} \times \ldots = 7 \times \ldots$$
$$x+5 = \ldots$$
$$x+5-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(10)
$$\frac{x+5}{2} = 10$$
$$\frac{x+5}{2} \times \ldots = 10 \times \ldots$$
$$x+5 = \ldots$$
$$x+5-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(11)
$$\frac{x+8}{5} = 1$$
$$\frac{x+8}{5} \times \ldots = 1 \times \ldots$$
$$x+8 = \ldots$$
$$x+8-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(12)
$$\frac{x+7}{9} = 6$$
$$\frac{x+7}{9} \times \ldots = 6 \times \ldots$$
$$x+7 = \ldots$$
$$x+7-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(13)
$$\frac{x+10}{10} = 2$$
$$\frac{x+10}{10} \times \ldots = 2 \times \ldots$$
$$x+10 = \ldots$$
$$x+10-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(14)
$$\frac{x+10}{8} = 1$$
$$\frac{x+10}{8} \times \ldots = 1 \times \ldots$$
$$x+10 = \ldots$$
$$x+10-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(15)
$$\frac{x+4}{5} = 5$$
$$\frac{x+4}{5} \times \ldots = 5 \times \ldots$$
$$x+4 = \ldots$$
$$x+4-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(16)
$$\frac{x+5}{8} = 9$$
$$\frac{x+5}{8} \times \ldots = 9 \times \ldots$$
$$x+5 = \ldots$$
$$x+5-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(17)
$$\frac{x+8}{2} = 4$$
$$\frac{x+8}{2} \times \ldots = 4 \times \ldots$$
$$x+8 = \ldots$$
$$x+8-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(18)
$$\frac{x+10}{8} = 3$$
$$\frac{x+10}{8} \times \ldots = 3 \times \ldots$$
$$x+10 = \ldots$$
$$x+10-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(19)
$$\frac{x+4}{9} = 8$$
$$\frac{x+4}{9} \times \ldots = 8 \times \ldots$$
$$x+4 = \ldots$$
$$x+4-\ldots = \ldots - \ldots$$
$$x = \ldots$$

(20)
$$\frac{x+3}{9} = 5$$
$$\frac{x+3}{9} \times \ldots = 5 \times \ldots$$
$$x+3 = \ldots$$
$$x+3-\ldots = \ldots - \ldots$$
$$x = \ldots$$