

Name: _____

Date: _____

Inverse operations: Questions

(1)
$$\frac{x-8}{9} = 4$$

$$\frac{x-8}{9} \times \dots = 4 \times \dots$$

$$x-8 = \dots$$

$$x-8 + \dots = \dots + \dots$$

$$x = \dots$$

(6)
$$\frac{x-9}{6} = 9$$

$$\frac{x-9}{6} \times \dots = 9 \times \dots$$

$$x-9 = \dots$$

$$x-9 + \dots = \dots + \dots$$

$$x = \dots$$

(2)
$$\frac{x-5}{5} = 1$$

$$\frac{x-5}{5} \times \dots = 1 \times \dots$$

$$x-5 = \dots$$

$$x-5 + \dots = \dots + \dots$$

$$x = \dots$$

(7)
$$\frac{x-3}{4} = 8$$

$$\frac{x-3}{4} \times \dots = 8 \times \dots$$

$$x-3 = \dots$$

$$x-3 + \dots = \dots + \dots$$

$$x = \dots$$

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

$$\frac{x-7}{10} \times \dots = 4 \times \dots$$

$$x-7 = \dots$$

$$x-7 + \dots = \dots + \dots$$

$$x = \dots$$

(8)
$$\frac{x-10}{5} = 6$$

$$\frac{x-10}{5} \times \dots = 6 \times \dots$$

$$x-10 = \dots$$

$$x-10 + \dots = \dots + \dots$$

$$x = \dots$$

(4)
$$\frac{x-4}{7} = 5$$

$$\frac{x-4}{7} \times \dots = 5 \times \dots$$

$$x-4 = \dots$$

$$x-4 + \dots = \dots + \dots$$

$$x = \dots$$

(9)
$$\frac{x-6}{4} = 7$$

$$\frac{x-6}{4} \times \dots = 7 \times \dots$$

$$x-6 = \dots$$

$$x-6 + \dots = \dots + \dots$$

$$x = \dots$$

(5)
$$\frac{x-10}{9} = 4$$

$$\frac{x-10}{9} \times \dots = 4 \times \dots$$

$$x-10 = \dots$$

$$x-10 + \dots = \dots + \dots$$

$$x = \dots$$

(10)
$$\frac{x-4}{6} = 7$$

$$\frac{x-4}{6} \times \dots = 7 \times \dots$$

$$x-4 = \dots$$

$$x-4 + \dots = \dots + \dots$$

$$x = \dots$$

$$\begin{aligned}
(11) \quad & \frac{x-8}{9} = 3 \\
& \frac{x-8}{9} \times \dots = 3 \times \dots \\
& x-8 = \dots \\
& x-8 + \dots = \dots + \dots \\
& x = \dots
\end{aligned}$$

$$\begin{aligned}
(16) \quad & \frac{x-2}{4} = 8 \\
& \frac{x-2}{4} \times \dots = 8 \times \dots \\
& x-2 = \dots \\
& x-2 + \dots = \dots + \dots \\
& x = \dots
\end{aligned}$$

$$\begin{aligned}
(12) \quad & \frac{x-10}{9} = 8 \\
& \frac{x-10}{9} \times \dots = 8 \times \dots \\
& x-10 = \dots \\
& x-10 + \dots = \dots + \dots \\
& x = \dots
\end{aligned}$$

$$\begin{aligned}
(17) \quad & \frac{x-7}{7} = 3 \\
& \frac{x-7}{7} \times \dots = 3 \times \dots \\
& x-7 = \dots \\
& x-7 + \dots = \dots + \dots \\
& x = \dots
\end{aligned}$$

$$\begin{aligned}
(13) \quad & \frac{x-2}{7} = 6 \\
& \frac{x-2}{7} \times \dots = 6 \times \dots \\
& x-2 = \dots \\
& x-2 + \dots = \dots + \dots \\
& x = \dots
\end{aligned}$$

$$\begin{aligned}
(18) \quad & \frac{x-7}{2} = 6 \\
& \frac{x-7}{2} \times \dots = 6 \times \dots \\
& x-7 = \dots \\
& x-7 + \dots = \dots + \dots \\
& x = \dots
\end{aligned}$$

$$\begin{aligned}
(14) \quad & \frac{x-1}{2} = 4 \\
& \frac{x-1}{2} \times \dots = 4 \times \dots \\
& x-1 = \dots \\
& x-1 + \dots = \dots + \dots \\
& x = \dots
\end{aligned}$$

$$\begin{aligned}
(19) \quad & \frac{x-6}{5} = 1 \\
& \frac{x-6}{5} \times \dots = 1 \times \dots \\
& x-6 = \dots \\
& x-6 + \dots = \dots + \dots \\
& x = \dots
\end{aligned}$$

$$\begin{aligned}
(15) \quad & \frac{x-7}{10} = 1 \\
& \frac{x-7}{10} \times \dots = 1 \times \dots \\
& x-7 = \dots \\
& x-7 + \dots = \dots + \dots \\
& x = \dots
\end{aligned}$$

$$\begin{aligned}
(20) \quad & \frac{x-9}{6} = 5 \\
& \frac{x-9}{6} \times \dots = 5 \times \dots \\
& x-9 = \dots \\
& x-9 + \dots = \dots + \dots \\
& x = \dots
\end{aligned}$$