

Name: _____

Date: _____

Inverse operations: Questions

$$\begin{aligned}
 (1) \quad & \frac{x-3}{4} = 4 \\
 & \frac{x-3}{4} \times \dots = 4 \times \dots \\
 & x-3 = \dots \\
 & x-3 + \dots = \dots + \dots \\
 & x = \dots
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad & \frac{x-10}{6} = 3 \\
 & \frac{x-10}{6} \times \dots = 3 \times \dots \\
 & x-10 = \dots \\
 & x-10 + \dots = \dots + \dots \\
 & x = \dots
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad & \frac{x-7}{6} = 3 \\
 & \frac{x-7}{6} \times \dots = 3 \times \dots \\
 & x-7 = \dots \\
 & x-7 + \dots = \dots + \dots \\
 & x = \dots
 \end{aligned}$$

$$\begin{aligned}
 (7) \quad & \frac{x-9}{4} = 5 \\
 & \frac{x-9}{4} \times \dots = 5 \times \dots \\
 & x-9 = \dots \\
 & x-9 + \dots = \dots + \dots \\
 & x = \dots
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad & \frac{x-10}{3} = 8 \\
 & \frac{x-10}{3} \times \dots = 8 \times \dots \\
 & x-10 = \dots \\
 & x-10 + \dots = \dots + \dots \\
 & x = \dots
 \end{aligned}$$

$$\begin{aligned}
 (8) \quad & \frac{x-7}{10} = 2 \\
 & \frac{x-7}{10} \times \dots = 2 \times \dots \\
 & x-7 = \dots \\
 & x-7 + \dots = \dots + \dots \\
 & x = \dots
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad & \frac{x-4}{3} = 7 \\
 & \frac{x-4}{3} \times \dots = 7 \times \dots \\
 & x-4 = \dots \\
 & x-4 + \dots = \dots + \dots \\
 & x = \dots
 \end{aligned}$$

$$\begin{aligned}
 (9) \quad & \frac{x-8}{10} = 2 \\
 & \frac{x-8}{10} \times \dots = 2 \times \dots \\
 & x-8 = \dots \\
 & x-8 + \dots = \dots + \dots \\
 & x = \dots
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad & \frac{x-2}{3} = 3 \\
 & \frac{x-2}{3} \times \dots = 3 \times \dots \\
 & x-2 = \dots \\
 & x-2 + \dots = \dots + \dots \\
 & x = \dots
 \end{aligned}$$

$$\begin{aligned}
 (10) \quad & \frac{x-4}{8} = 1 \\
 & \frac{x-4}{8} \times \dots = 1 \times \dots \\
 & x-4 = \dots \\
 & x-4 + \dots = \dots + \dots \\
 & x = \dots
 \end{aligned}$$

$$\begin{aligned}
(11) \quad & \frac{x-7}{5} = 6 \\
& \frac{x-7}{5} \times \dots = 6 \times \dots \\
& x-7 = \dots \\
& x-7 + \dots = \dots + \dots \\
& x = \dots
\end{aligned}$$

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

$$\begin{aligned}
(13) \quad & \frac{x-4}{10} = 5 \\
& \frac{x-4}{10} \times \dots = 5 \times \dots \\
& x-4 = \dots \\
& x-4 + \dots = \dots + \dots \\
& x = \dots
\end{aligned}$$

$$\begin{aligned}
(14) \quad & \frac{x-5}{10} = 3 \\
& \frac{x-5}{10} \times \dots = 3 \times \dots \\
& x-5 = \dots \\
& x-5 + \dots = \dots + \dots \\
& x = \dots
\end{aligned}$$

$$\begin{aligned}
(15) \quad & \frac{x-1}{6} = 4 \\
& \frac{x-1}{6} \times \dots = 4 \times \dots \\
& x-1 = \dots \\
& x-1 + \dots = \dots + \dots \\
& x = \dots
\end{aligned}$$

$$\begin{aligned}
(16) \quad & \frac{x-7}{9} = 4 \\
& \frac{x-7}{9} \times \dots = 4 \times \dots \\
& x-7 = \dots \\
& x-7 + \dots = \dots + \dots \\
& x = \dots
\end{aligned}$$

$$\begin{aligned}
(17) \quad & \frac{x-2}{7} = 5 \\
& \frac{x-2}{7} \times \dots = 5 \times \dots \\
& x-2 = \dots \\
& x-2 + \dots = \dots + \dots \\
& x = \dots
\end{aligned}$$

$$\begin{aligned}
(18) \quad & \frac{x-3}{10} = 7 \\
& \frac{x-3}{10} \times \dots = 7 \times \dots \\
& x-3 = \dots \\
& x-3 + \dots = \dots + \dots \\
& x = \dots
\end{aligned}$$

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

$$\begin{aligned}
(20) \quad & \frac{x-2}{3} = 4 \\
& \frac{x-2}{3} \times \dots = 4 \times \dots \\
& x-2 = \dots \\
& x-2 + \dots = \dots + \dots \\
& x = \dots
\end{aligned}$$