

Name: _____

Date: _____

Inverse operations: Questions

$$\begin{aligned}
 (1) \quad & \frac{x+6}{4} = 3 \\
 & \frac{x+6}{4} \times \dots = 3 \times \dots \\
 & x+6 = \dots \\
 & x+6 - \dots = \dots - \dots \\
 & x = \dots
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad & \frac{x+1}{2} = 7 \\
 & \frac{x+1}{2} \times \dots = 7 \times \dots \\
 & x+1 = \dots \\
 & x+1 - \dots = \dots - \dots \\
 & x = \dots
 \end{aligned}$$

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

$$\begin{aligned}
 (7) \quad & \frac{x+3}{7} = 8 \\
 & \frac{x+3}{7} \times \dots = 8 \times \dots \\
 & x+3 = \dots \\
 & x+3 - \dots = \dots - \dots \\
 & x = \dots
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad & \frac{x+2}{10} = 5 \\
 & \frac{x+2}{10} \times \dots = 5 \times \dots \\
 & x+2 = \dots \\
 & x+2 - \dots = \dots - \dots \\
 & x = \dots
 \end{aligned}$$

$$\begin{aligned}
 (8) \quad & \frac{x+1}{10} = 2 \\
 & \frac{x+1}{10} \times \dots = 2 \times \dots \\
 & x+1 = \dots \\
 & x+1 - \dots = \dots - \dots \\
 & x = \dots
 \end{aligned}$$

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

$$\begin{aligned}
 (9) \quad & \frac{x+5}{3} = 7 \\
 & \frac{x+5}{3} \times \dots = 7 \times \dots \\
 & x+5 = \dots \\
 & x+5 - \dots = \dots - \dots \\
 & x = \dots
 \end{aligned}$$

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

$$\begin{aligned}
 (10) \quad & \frac{x+5}{2} = 10 \\
 & \frac{x+5}{2} \times \dots = 10 \times \dots \\
 & x+5 = \dots \\
 & x+5 - \dots = \dots - \dots \\
 & x = \dots
 \end{aligned}$$

$$\begin{aligned}
(11) \quad & \frac{x+8}{5} = 1 \\
& \frac{x+8}{5} \times \dots = 1 \times \dots \\
& x+8 = \dots \\
& x+8 - \dots = \dots - \dots \\
& x = \dots
\end{aligned}$$

$$\begin{aligned}
(16) \quad & \frac{x+5}{8} = 9 \\
& \frac{x+5}{8} \times \dots = 9 \times \dots \\
& x+5 = \dots \\
& x+5 - \dots = \dots - \dots \\
& x = \dots
\end{aligned}$$

$$\begin{aligned}
(12) \quad & \frac{x+7}{9} = 6 \\
& \frac{x+7}{9} \times \dots = 6 \times \dots \\
& x+7 = \dots \\
& x+7 - \dots = \dots - \dots \\
& x = \dots
\end{aligned}$$

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

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

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

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

$$\begin{aligned}
(19) \quad & \frac{x+4}{9} = 8 \\
& \frac{x+4}{9} \times \dots = 8 \times \dots \\
& x+4 = \dots \\
& x+4 - \dots = \dots - \dots \\
& x = \dots
\end{aligned}$$

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

$$\begin{aligned}
(20) \quad & \frac{x+3}{9} = 5 \\
& \frac{x+3}{9} \times \dots = 5 \times \dots \\
& x+3 = \dots \\
& x+3 - \dots = \dots - \dots \\
& x = \dots
\end{aligned}$$