

Name: _____

Date: _____

Inverse operations: Questions

$$\begin{aligned}
 (1) \quad & \frac{x}{4} + 2 = 9 \\
 & \frac{x}{4} + 2 - \dots = 9 - \dots \\
 & \frac{x}{4} = \dots \\
 & \frac{x}{4} \times \dots = \dots \times \dots \\
 & x = \dots
 \end{aligned}$$

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

$$\begin{aligned}
 (2) \quad & \frac{x}{10} + 8 = 15 \\
 & \frac{x}{10} + 8 - \dots = 15 - \dots \\
 & \frac{x}{10} = \dots \\
 & \frac{x}{10} \times \dots = \dots \times \dots \\
 & x = \dots
 \end{aligned}$$

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

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

$$\begin{aligned}
 (8) \quad & \frac{x}{3} + 3 = 13 \\
 & \frac{x}{3} + 3 - \dots = 13 - \dots \\
 & \frac{x}{3} = \dots \\
 & \frac{x}{3} \times \dots = \dots \times \dots \\
 & x = \dots
 \end{aligned}$$

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

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

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

$$\begin{aligned}
 (10) \quad & \frac{x}{7} + 4 = 12 \\
 & \frac{x}{7} + 4 - \dots = 12 - \dots \\
 & \frac{x}{7} = \dots \\
 & \frac{x}{7} \times \dots = \dots \times \dots \\
 & x = \dots
 \end{aligned}$$

$$\begin{aligned}
(11) \quad & \frac{x}{3} + 1 = 9 \\
& \frac{x}{3} + 1 - \dots = 9 - \dots \\
& \frac{x}{3} = \dots \\
& \frac{x}{3} \times \dots = \dots \times \dots \\
& x = \dots
\end{aligned}$$

$$\begin{aligned}
(16) \quad & \frac{x}{10} + 8 = 16 \\
& \frac{x}{10} + 8 - \dots = 16 - \dots \\
& \frac{x}{10} = \dots \\
& \frac{x}{10} \times \dots = \dots \times \dots \\
& x = \dots
\end{aligned}$$

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

$$\begin{aligned}
(17) \quad & \frac{x}{6} + 5 = 8 \\
& \frac{x}{6} + 5 - \dots = 8 - \dots \\
& \frac{x}{6} = \dots \\
& \frac{x}{6} \times \dots = \dots \times \dots \\
& x = \dots
\end{aligned}$$

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

$$\begin{aligned}
(18) \quad & \frac{x}{2} + 10 = 20 \\
& \frac{x}{2} + 10 - \dots = 20 - \dots \\
& \frac{x}{2} = \dots \\
& \frac{x}{2} \times \dots = \dots \times \dots \\
& x = \dots
\end{aligned}$$

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

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

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

$$\begin{aligned}
(20) \quad & \frac{x}{7} + 4 = 8 \\
& \frac{x}{7} + 4 - \dots = 8 - \dots \\
& \frac{x}{7} = \dots \\
& \frac{x}{7} \times \dots = \dots \times \dots \\
& x = \dots
\end{aligned}$$