

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Inverse operations: Answers

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$$\begin{aligned}
 (1) \quad & \frac{x-3}{4} = 4 \\
 & \frac{x-3}{4} \times 4 = 4 \times 4 \\
 & x-3 = 16 \\
 & x-3+3 = 16+3 \\
 & x = 15
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad & \frac{x-10}{6} = 3 \\
 & \frac{x-10}{6} \times 6 = 3 \times 6 \\
 & x-10 = 18 \\
 & x-10+10 = 18+10 \\
 & x = 70
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad & \frac{x-7}{6} = 3 \\
 & \frac{x-7}{6} \times 6 = 3 \times 6 \\
 & x-7 = 18 \\
 & x-7+7 = 18+7 \\
 & x = 49
 \end{aligned}$$

$$\begin{aligned}
 (7) \quad & \frac{x-9}{4} = 5 \\
 & \frac{x-9}{4} \times 4 = 5 \times 4 \\
 & x-9 = 20 \\
 & x-9+9 = 20+9 \\
 & x = 45
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad & \frac{x-10}{3} = 8 \\
 & \frac{x-10}{3} \times 3 = 8 \times 3 \\
 & x-10 = 24 \\
 & x-10+10 = 24+10 \\
 & x = 40
 \end{aligned}$$

$$\begin{aligned}
 (8) \quad & \frac{x-7}{10} = 2 \\
 & \frac{x-7}{10} \times 10 = 2 \times 10 \\
 & x-7 = 20 \\
 & x-7+7 = 20+7 \\
 & x = 77
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad & \frac{x-4}{3} = 7 \\
 & \frac{x-4}{3} \times 3 = 7 \times 3 \\
 & x-4 = 21 \\
 & x-4+4 = 21+4 \\
 & x = 16
 \end{aligned}$$

$$\begin{aligned}
 (9) \quad & \frac{x-8}{10} = 2 \\
 & \frac{x-8}{10} \times 10 = 2 \times 10 \\
 & x-8 = 20 \\
 & x-8+8 = 20+8 \\
 & x = 88
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad & \frac{x-2}{3} = 3 \\
 & \frac{x-2}{3} \times 3 = 3 \times 3 \\
 & x-2 = 9 \\
 & x-2+2 = 9+2 \\
 & x = 8
 \end{aligned}$$

$$\begin{aligned}
 (10) \quad & \frac{x-4}{8} = 1 \\
 & \frac{x-4}{8} \times 8 = 1 \times 8 \\
 & x-4 = 8 \\
 & x-4+4 = 8+4 \\
 & x = 36
 \end{aligned}$$

$$\begin{aligned}
(11) \quad & \frac{x-7}{5} = 6 \\
& \frac{x-7}{5} \times 5 = 6 \times 5 \\
& x-7 = 30 \\
& x-7+7 = 30+7 \\
& x = 42
\end{aligned}$$

$$\begin{aligned}
(16) \quad & \frac{x-7}{9} = 4 \\
& \frac{x-7}{9} \times 9 = 4 \times 9 \\
& x-7 = 36 \\
& x-7+7 = 36+7 \\
& x = 70
\end{aligned}$$

$$\begin{aligned}
(12) \quad & \frac{x-4}{4} = 2 \\
& \frac{x-4}{4} \times 4 = 2 \times 4 \\
& x-4 = 8 \\
& x-4+4 = 8+4 \\
& x = 20
\end{aligned}$$

$$\begin{aligned}
(17) \quad & \frac{x-2}{7} = 5 \\
& \frac{x-2}{7} \times 7 = 5 \times 7 \\
& x-2 = 35 \\
& x-2+2 = 35+2 \\
& x = 16
\end{aligned}$$

$$\begin{aligned}
(13) \quad & \frac{x-4}{10} = 5 \\
& \frac{x-4}{10} \times 10 = 5 \times 10 \\
& x-4 = 50 \\
& x-4+4 = 50+4 \\
& x = 44
\end{aligned}$$

$$\begin{aligned}
(18) \quad & \frac{x-3}{10} = 7 \\
& \frac{x-3}{10} \times 10 = 7 \times 10 \\
& x-3 = 70 \\
& x-3+3 = 70+3 \\
& x = 33
\end{aligned}$$

$$\begin{aligned}
(14) \quad & \frac{x-5}{10} = 3 \\
& \frac{x-5}{10} \times 10 = 3 \times 10 \\
& x-5 = 30 \\
& x-5+5 = 30+5 \\
& x = 55
\end{aligned}$$

$$\begin{aligned}
(19) \quad & \frac{x-8}{3} = 3 \\
& \frac{x-8}{3} \times 3 = 3 \times 3 \\
& x-8 = 9 \\
& x-8+8 = 9+8 \\
& x = 32
\end{aligned}$$

$$\begin{aligned}
(15) \quad & \frac{x-1}{6} = 4 \\
& \frac{x-1}{6} \times 6 = 4 \times 6 \\
& x-1 = 24 \\
& x-1+1 = 24+1 \\
& x = 7
\end{aligned}$$

$$\begin{aligned}
(20) \quad & \frac{x-2}{3} = 4 \\
& \frac{x-2}{3} \times 3 = 4 \times 3 \\
& x-2 = 12 \\
& x-2+2 = 12+2 \\
& x = 8
\end{aligned}$$