

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

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

Inverse operations: Questions

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(1)

$$\begin{aligned}x + 10 &= 9 \\x + 10 - \dots &= 9 - \dots \\x &= \dots\end{aligned}$$

(7)

$$\begin{aligned}x + 1 &= 10 \\x + 1 - \dots &= 10 - \dots \\x &= \dots\end{aligned}$$

(2)

$$\begin{aligned}x + 6 &= 9 \\x + 6 - \dots &= 9 - \dots \\x &= \dots\end{aligned}$$

(8)

$$\begin{aligned}x + 7 &= 4 \\x + 7 - \dots &= 4 - \dots \\x &= \dots\end{aligned}$$

(3)

$$\begin{aligned}x + 7 &= 9 \\x + 7 - \dots &= 9 - \dots \\x &= \dots\end{aligned}$$

(9)

$$\begin{aligned}x + 9 &= 10 \\x + 9 - \dots &= 10 - \dots \\x &= \dots\end{aligned}$$

(4)

$$\begin{aligned}x + 5 &= 4 \\x + 5 - \dots &= 4 - \dots \\x &= \dots\end{aligned}$$

(10)

$$\begin{aligned}x + 3 &= 4 \\x + 3 - \dots &= 4 - \dots \\x &= \dots\end{aligned}$$

(5)

$$\begin{aligned}x + 9 &= 6 \\x + 9 - \dots &= 6 - \dots \\x &= \dots\end{aligned}$$

(11)

$$\begin{aligned}x + 2 &= 7 \\x + 2 - \dots &= 7 - \dots \\x &= \dots\end{aligned}$$

(6)

$$\begin{aligned}x + 4 &= 1 \\x + 4 - \dots &= 1 - \dots \\x &= \dots\end{aligned}$$

(12)

$$\begin{aligned}x + 7 &= 4 \\x + 7 - \dots &= 4 - \dots \\x &= \dots\end{aligned}$$

(13)

$$\begin{aligned}
 x + 1 &= 5 \\
 x + 1 - \dots &= 5 - \dots \\
 x &= \dots
 \end{aligned}$$

(14)

$$\begin{aligned}
 x + 3 &= 1 \\
 x + 3 - \dots &= 1 - \dots \\
 x &= \dots
 \end{aligned}$$

(15)

$$\begin{aligned}
 x + 9 &= 10 \\
 x + 9 - \dots &= 10 - \dots \\
 x &= \dots
 \end{aligned}$$

(16)

$$\begin{aligned}
 x + 6 &= 9 \\
 x + 6 - \dots &= 9 - \dots \\
 x &= \dots
 \end{aligned}$$

(17)

$$\begin{aligned}
 x + 5 &= 3 \\
 x + 5 - \dots &= 3 - \dots \\
 x &= \dots
 \end{aligned}$$

(18)

$$\begin{aligned}
 x + 5 &= 2 \\
 x + 5 - \dots &= 2 - \dots \\
 x &= \dots
 \end{aligned}$$

(19)

$$\begin{aligned}
 x + 10 &= 3 \\
 x + 10 - \dots &= 3 - \dots \\
 x &= \dots
 \end{aligned}$$

(20)

$$\begin{aligned}
 x + 3 &= 3 \\
 x + 3 - \dots &= 3 - \dots \\
 x &= \dots
 \end{aligned}$$

(21)

$$\begin{aligned}
 x + 2 &= 8 \\
 x + 2 - \dots &= 8 - \dots \\
 x &= \dots
 \end{aligned}$$

(22)

$$\begin{aligned}
 x + 5 &= 7 \\
 x + 5 - \dots &= 7 - \dots \\
 x &= \dots
 \end{aligned}$$

(23)

$$\begin{aligned}
 x + 7 &= 4 \\
 x + 7 - \dots &= 4 - \dots \\
 x &= \dots
 \end{aligned}$$

(24)

$$\begin{aligned}
 x + 9 &= 1 \\
 x + 9 - \dots &= 1 - \dots \\
 x &= \dots
 \end{aligned}$$

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Inverse operations: Questions

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(1)

$$\begin{aligned}x - 6 &= 4 \\x - 6 + \dots &= 4 + \dots \\x &= \dots\end{aligned}$$

(7)

$$\begin{aligned}x - 5 &= 9 \\x - 5 + \dots &= 9 + \dots \\x &= \dots\end{aligned}$$

(2)

$$\begin{aligned}x - 8 &= 7 \\x - 8 + \dots &= 7 + \dots \\x &= \dots\end{aligned}$$

(8)

$$\begin{aligned}x - 4 &= 7 \\x - 4 + \dots &= 7 + \dots \\x &= \dots\end{aligned}$$

(3)

$$\begin{aligned}x - 8 &= 2 \\x - 8 + \dots &= 2 + \dots \\x &= \dots\end{aligned}$$

(9)

$$\begin{aligned}x - 6 &= 6 \\x - 6 + \dots &= 6 + \dots \\x &= \dots\end{aligned}$$

(4)

$$\begin{aligned}x - 3 &= 3 \\x - 3 + \dots &= 3 + \dots \\x &= \dots\end{aligned}$$

(10)

$$\begin{aligned}x - 1 &= 6 \\x - 1 + \dots &= 6 + \dots \\x &= \dots\end{aligned}$$

(5)

$$\begin{aligned}x - 2 &= 7 \\x - 2 + \dots &= 7 + \dots \\x &= \dots\end{aligned}$$

(11)

$$\begin{aligned}x - 8 &= 2 \\x - 8 + \dots &= 2 + \dots \\x &= \dots\end{aligned}$$

(6)

$$\begin{aligned}x - 4 &= 9 \\x - 4 + \dots &= 9 + \dots \\x &= \dots\end{aligned}$$

(12)

$$\begin{aligned}x - 4 &= 9 \\x - 4 + \dots &= 9 + \dots \\x &= \dots\end{aligned}$$

(13)

$$\begin{aligned}x - 10 &= 10 \\x - 10 + \dots &= 10 + \dots \\x &= \dots\end{aligned}$$

(14)

$$\begin{aligned}x - 1 &= 8 \\x - 1 + \dots &= 8 + \dots \\x &= \dots\end{aligned}$$

(15)

$$\begin{aligned}x - 4 &= 2 \\x - 4 + \dots &= 2 + \dots \\x &= \dots\end{aligned}$$

(16)

$$\begin{aligned}x - 5 &= 4 \\x - 5 + \dots &= 4 + \dots \\x &= \dots\end{aligned}$$

(17)

$$\begin{aligned}x - 4 &= 9 \\x - 4 + \dots &= 9 + \dots \\x &= \dots\end{aligned}$$

(18)

$$\begin{aligned}x - 1 &= 3 \\x - 1 + \dots &= 3 + \dots \\x &= \dots\end{aligned}$$

(19)

$$\begin{aligned}x - 8 &= 3 \\x - 8 + \dots &= 3 + \dots \\x &= \dots\end{aligned}$$

(20)

$$\begin{aligned}x - 10 &= 7 \\x - 10 + \dots &= 7 + \dots \\x &= \dots\end{aligned}$$

(21)

$$\begin{aligned}x - 3 &= 4 \\x - 3 + \dots &= 4 + \dots \\x &= \dots\end{aligned}$$

(22)

$$\begin{aligned}x - 5 &= 4 \\x - 5 + \dots &= 4 + \dots \\x &= \dots\end{aligned}$$

(23)

$$\begin{aligned}x - 9 &= 5 \\x - 9 + \dots &= 5 + \dots \\x &= \dots\end{aligned}$$

(24)

$$\begin{aligned}x - 9 &= 4 \\x - 9 + \dots &= 4 + \dots \\x &= \dots\end{aligned}$$

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Inverse operations: Questions

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(1)

$$\begin{array}{r} 4x = 32 \\ \underline{4x} = \underline{32} \\ \dots \quad \dots \\ x = \dots \end{array}$$

(7)

$$\begin{array}{r} 8x = 16 \\ \underline{8x} = \underline{16} \\ \dots \quad \dots \\ x = \dots \end{array}$$

(2)

$$\begin{array}{r} 2x = 20 \\ \underline{2x} = \underline{20} \\ \dots \quad \dots \\ x = \dots \end{array}$$

(8)

$$\begin{array}{r} 7x = 35 \\ \underline{7x} = \underline{35} \\ \dots \quad \dots \\ x = \dots \end{array}$$

(3)

$$\begin{array}{r} 4x = 12 \\ \underline{4x} = \underline{12} \\ \dots \quad \dots \\ x = \dots \end{array}$$

(9)

$$\begin{array}{r} 8x = 16 \\ \underline{8x} = \underline{16} \\ \dots \quad \dots \\ x = \dots \end{array}$$

(4)

$$\begin{array}{r} 6x = 24 \\ \underline{6x} = \underline{24} \\ \dots \quad \dots \\ x = \dots \end{array}$$

(10)

$$\begin{array}{r} 2x = 6 \\ \underline{2x} = \underline{6} \\ \dots \quad \dots \\ x = \dots \end{array}$$

(5)

$$\begin{array}{r} 9x = 90 \\ \underline{9x} = \underline{90} \\ \dots \quad \dots \\ x = \dots \end{array}$$

(11)

$$\begin{array}{r} 9x = 72 \\ \underline{9x} = \underline{72} \\ \dots \quad \dots \\ x = \dots \end{array}$$

(6)

$$\begin{array}{r} 9x = 63 \\ \underline{9x} = \underline{63} \\ \dots \quad \dots \\ x = \dots \end{array}$$

(12)

$$\begin{array}{r} 4x = 40 \\ \underline{4x} = \underline{40} \\ \dots \quad \dots \\ x = \dots \end{array}$$

(13)

$$\begin{array}{r}
 5x = 50 \\
 \frac{5x}{\dots} = \frac{50}{\dots} \\
 x = \dots
 \end{array}$$

(14)

$$\begin{array}{r}
 9x = 36 \\
 \frac{9x}{\dots} = \frac{36}{\dots} \\
 x = \dots
 \end{array}$$

(15)

$$\begin{array}{r}
 10x = 70 \\
 \frac{10x}{\dots} = \frac{70}{\dots} \\
 x = \dots
 \end{array}$$

(16)

$$\begin{array}{r}
 3x = 12 \\
 \frac{3x}{\dots} = \frac{12}{\dots} \\
 x = \dots
 \end{array}$$

(17)

$$\begin{array}{r}
 9x = 72 \\
 \frac{9x}{\dots} = \frac{72}{\dots} \\
 x = \dots
 \end{array}$$

(18)

$$\begin{array}{r}
 2x = 16 \\
 \frac{2x}{\dots} = \frac{16}{\dots} \\
 x = \dots
 \end{array}$$

(19)

$$\begin{array}{r}
 5x = 35 \\
 \frac{5x}{\dots} = \frac{35}{\dots} \\
 x = \dots
 \end{array}$$

(20)

$$\begin{array}{r}
 10x = 80 \\
 \frac{10x}{\dots} = \frac{80}{\dots} \\
 x = \dots
 \end{array}$$

(21)

$$\begin{array}{r}
 8x = 80 \\
 \frac{8x}{\dots} = \frac{80}{\dots} \\
 x = \dots
 \end{array}$$

(22)

$$\begin{array}{r}
 4x = 36 \\
 \frac{4x}{\dots} = \frac{36}{\dots} \\
 x = \dots
 \end{array}$$

(23)

$$\begin{array}{r}
 10x = 20 \\
 \frac{10x}{\dots} = \frac{20}{\dots} \\
 x = \dots
 \end{array}$$

(24)

$$\begin{array}{r}
 5x = 35 \\
 \frac{5x}{\dots} = \frac{35}{\dots} \\
 x = \dots
 \end{array}$$

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Inverse operations: Questions

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(1)

$$\begin{aligned}\frac{x}{5} &= 3 \\ \frac{x}{5} \times \dots &= 3 \times \dots \\ x &= \dots\end{aligned}$$

(7)

$$\begin{aligned}\frac{x}{9} &= 5 \\ \frac{x}{9} \times \dots &= 5 \times \dots \\ x &= \dots\end{aligned}$$

(2)

$$\begin{aligned}\frac{x}{2} &= 9 \\ \frac{x}{2} \times \dots &= 9 \times \dots \\ x &= \dots\end{aligned}$$

(8)

$$\begin{aligned}\frac{x}{2} &= 3 \\ \frac{x}{2} \times \dots &= 3 \times \dots \\ x &= \dots\end{aligned}$$

(3)

$$\begin{aligned}\frac{x}{3} &= 5 \\ \frac{x}{3} \times \dots &= 5 \times \dots \\ x &= \dots\end{aligned}$$

(9)

$$\begin{aligned}\frac{x}{9} &= 4 \\ \frac{x}{9} \times \dots &= 4 \times \dots \\ x &= \dots\end{aligned}$$

(4)

$$\begin{aligned}\frac{x}{9} &= 7 \\ \frac{x}{9} \times \dots &= 7 \times \dots \\ x &= \dots\end{aligned}$$

(10)

$$\begin{aligned}\frac{x}{8} &= 10 \\ \frac{x}{8} \times \dots &= 10 \times \dots \\ x &= \dots\end{aligned}$$

(5)

$$\begin{aligned}\frac{x}{8} &= 10 \\ \frac{x}{8} \times \dots &= 10 \times \dots \\ x &= \dots\end{aligned}$$

(11)

$$\begin{aligned}\frac{x}{5} &= 5 \\ \frac{x}{5} \times \dots &= 5 \times \dots \\ x &= \dots\end{aligned}$$

(6)

$$\begin{aligned}\frac{x}{2} &= 2 \\ \frac{x}{2} \times \dots &= 2 \times \dots \\ x &= \dots\end{aligned}$$

(12)

$$\begin{aligned}\frac{x}{5} &= 3 \\ \frac{x}{5} \times \dots &= 3 \times \dots \\ x &= \dots\end{aligned}$$

(13)

$$\begin{aligned}\frac{x}{2} &= 9 \\ \frac{x}{2} \times \dots &= 9 \times \dots \\ x &= \dots\end{aligned}$$

(19)

$$\begin{aligned}\frac{x}{3} &= 7 \\ \frac{x}{3} \times \dots &= 7 \times \dots \\ x &= \dots\end{aligned}$$

(14)

$$\begin{aligned}\frac{x}{3} &= 4 \\ \frac{x}{3} \times \dots &= 4 \times \dots \\ x &= \dots\end{aligned}$$

(20)

$$\begin{aligned}\frac{x}{8} &= 4 \\ \frac{x}{8} \times \dots &= 4 \times \dots \\ x &= \dots\end{aligned}$$

(15)

$$\begin{aligned}\frac{x}{9} &= 6 \\ \frac{x}{9} \times \dots &= 6 \times \dots \\ x &= \dots\end{aligned}$$

(21)

$$\begin{aligned}\frac{x}{7} &= 6 \\ \frac{x}{7} \times \dots &= 6 \times \dots \\ x &= \dots\end{aligned}$$

(16)

$$\begin{aligned}\frac{x}{9} &= 5 \\ \frac{x}{9} \times \dots &= 5 \times \dots \\ x &= \dots\end{aligned}$$

(22)

$$\begin{aligned}\frac{x}{4} &= 6 \\ \frac{x}{4} \times \dots &= 6 \times \dots \\ x &= \dots\end{aligned}$$

(17)

$$\begin{aligned}\frac{x}{10} &= 7 \\ \frac{x}{10} \times \dots &= 7 \times \dots \\ x &= \dots\end{aligned}$$

(23)

$$\begin{aligned}\frac{x}{5} &= 10 \\ \frac{x}{5} \times \dots &= 10 \times \dots \\ x &= \dots\end{aligned}$$

(18)

$$\begin{aligned}\frac{x}{4} &= 3 \\ \frac{x}{4} \times \dots &= 3 \times \dots \\ x &= \dots\end{aligned}$$

(24)

$$\begin{aligned}\frac{x}{7} &= 4 \\ \frac{x}{7} \times \dots &= 4 \times \dots \\ x &= \dots\end{aligned}$$



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

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

Inverse operations: Questions

---

(1)

$$\begin{array}{r} 4x = 40 \\ \underline{4x} \quad \underline{40} \\ \dots \quad \dots \\ x = \dots \end{array}$$

(7)

$$\begin{array}{r} 10x = 50 \\ \underline{10x} \quad \underline{50} \\ \dots \quad \dots \\ x = \dots \end{array}$$

(2)

$$\begin{array}{r} \frac{x}{4} = 9 \\ \frac{x}{4} \times \dots = 9 \times \dots \\ x = \dots \end{array}$$

(8)

$$\begin{array}{r} \frac{x}{5} = 8 \\ \frac{x}{5} \times \dots = 8 \times \dots \\ x = \dots \end{array}$$

(3)

$$\begin{array}{r} x + 1 = 6 \\ x + 1 - \dots = 6 - \dots \\ x = \dots \end{array}$$

(9)

$$\begin{array}{r} x - 4 = 7 \\ x - 4 + \dots = 7 + \dots \\ x = \dots \end{array}$$

(4)

$$\begin{array}{r} \frac{x}{8} = 3 \\ \frac{x}{8} \times \dots = 3 \times \dots \\ x = \dots \end{array}$$

(10)

$$\begin{array}{r} 4x = 28 \\ \underline{4x} \quad \underline{28} \\ \dots \quad \dots \\ x = \dots \end{array}$$

(5)

$$\begin{array}{r} 10x = 30 \\ \underline{10x} \quad \underline{30} \\ \dots \quad \dots \\ x = \dots \end{array}$$

(11)

$$\begin{array}{r} 6x = 36 \\ \underline{6x} \quad \underline{36} \\ \dots \quad \dots \\ x = \dots \end{array}$$

(6)

$$\begin{array}{r} \frac{x}{5} = 3 \\ \frac{x}{5} \times \dots = 3 \times \dots \\ x = \dots \end{array}$$

(12)

$$\begin{array}{r} x - 5 = 7 \\ x - 5 + \dots = 7 + \dots \\ x = \dots \end{array}$$

(13)

$$\begin{aligned}
 x - 9 &= 6 \\
 x - 9 + \dots &= 6 + \dots \\
 x &= \dots
 \end{aligned}$$

(14)

$$\begin{aligned}
 \frac{x}{10} &= 7 \\
 \frac{x}{10} \times \dots &= 7 \times \dots \\
 x &= \dots
 \end{aligned}$$

(15)

$$\begin{aligned}
 6x &= 60 \\
 \frac{6x}{\dots} &= \frac{60}{\dots} \\
 x &= \dots
 \end{aligned}$$

(16)

$$\begin{aligned}
 8x &= 64 \\
 \frac{8x}{\dots} &= \frac{64}{\dots} \\
 x &= \dots
 \end{aligned}$$

(17)

$$\begin{aligned}
 9x &= 18 \\
 \frac{9x}{\dots} &= \frac{18}{\dots} \\
 x &= \dots
 \end{aligned}$$

(18)

$$\begin{aligned}
 8x &= 24 \\
 \frac{8x}{\dots} &= \frac{24}{\dots} \\
 x &= \dots
 \end{aligned}$$

(19)

$$\begin{aligned}
 2x &= 18 \\
 \frac{2x}{\dots} &= \frac{18}{\dots} \\
 x &= \dots
 \end{aligned}$$

(20)

$$\begin{aligned}
 4x &= 28 \\
 \frac{4x}{\dots} &= \frac{28}{\dots} \\
 x &= \dots
 \end{aligned}$$

(21)

$$\begin{aligned}
 x - 2 &= 9 \\
 x - 2 + \dots &= 9 + \dots \\
 x &= \dots
 \end{aligned}$$

(22)

$$\begin{aligned}
 x - 10 &= 10 \\
 x - 10 + \dots &= 10 + \dots \\
 x &= \dots
 \end{aligned}$$

(23)

$$\begin{aligned}
 \frac{x}{9} &= 10 \\
 \frac{x}{9} \times \dots &= 10 \times \dots \\
 x &= \dots
 \end{aligned}$$

(24)

$$\begin{aligned}
 \frac{x}{2} &= 3 \\
 \frac{x}{2} \times \dots &= 3 \times \dots \\
 x &= \dots
 \end{aligned}$$