MAZE

Solving Proportions

$$\frac{5}{15} = \frac{12}{x - 3}$$

MAZE

Solving Proportions Maze A!

Directions: Find the value of *x* for each problem along the way. Use your solutions to navigate through the puzzle. **SHOW ALL STEPS** by circling your answers.

Start!

$\dfrac{6}{x} = \dfrac{4}{6}$ — 8 — $\dfrac{8}{x} = \dfrac{4}{8}$ — 18 — $\dfrac{8}{24} = \dfrac{9}{x}$ — 27 — $\dfrac{x}{4} = \dfrac{12}{6}$ — 8 — $\dfrac{x}{12} = \dfrac{10}{20}$

9 — 12 — 6 — 12 — 6

$\dfrac{14}{x} = \dfrac{5}{10}$ — 26 — $\dfrac{14}{4} = \dfrac{x}{14}$ — 49 — $\dfrac{28}{24} = \dfrac{7}{x}$ — 8 — $\dfrac{x}{7} = \dfrac{9}{3}$ — 4 — $\dfrac{x}{8} = \dfrac{3}{6}$

28 — 8 — 12 — 21 — 3

$\dfrac{14}{7} = \dfrac{x}{11}$ — 22 — $\dfrac{x}{4} = \dfrac{10}{5}$ — 16 — $\dfrac{14}{12} = \dfrac{7}{x}$ — 9 — $\dfrac{x}{14} = \dfrac{9}{3}$ — 42 — $\dfrac{14}{3} = \dfrac{x}{6}$

35 — 88 — 8 — 12 — 28

$\dfrac{14}{x} = \dfrac{2}{10}$ — 22 — $\dfrac{4}{x} = \dfrac{2}{11}$ — 15 — $\dfrac{8}{12} = \dfrac{10}{x}$ — 10 — $\dfrac{x}{5} = \dfrac{14}{7}$ — 18 — $\dfrac{x}{12} = \dfrac{3}{2}$

70 — 24 — 16 — 15 — 72

$\dfrac{x}{12} = \dfrac{13}{3}$ — 52 — $\dfrac{9}{2} = \dfrac{x}{8}$ — 38 — $\dfrac{27}{9} = \dfrac{x}{3}$ — 9 — $\dfrac{x}{10} = \dfrac{15}{25}$ — 8 — $\dfrac{x}{2} = \dfrac{6}{3}$

26 — 36 — 4 — 6 — 9

$\dfrac{3}{2} = \dfrac{x}{4}$ — 18 — $\dfrac{x}{13} = \dfrac{6}{2}$ — 39 — $\dfrac{25}{10} = \dfrac{10}{x}$ — 5 — $\dfrac{6}{3} = \dfrac{x}{12}$ — 24 — **END!**

Solving Proportions Maze A!

Directions: Find the value of *x* for each problem along the way. Use your solutions to navigate through the puzzle. **SHOW ALL STEPS** by circling your answers.

Start!

$\dfrac{6}{x} = \dfrac{4}{6}$ | 8 | $\dfrac{8}{x} = \dfrac{4}{8}$ | 18 | $\dfrac{8}{24} = \dfrac{9}{x}$ | 27 | $\dfrac{x}{4} = \dfrac{12}{6}$ | 8 | $\dfrac{x}{12} = \dfrac{10}{20}$

9 | 12 | 6 | 12 | 6

$\dfrac{14}{x} = \dfrac{5}{10}$ | 26 | $\dfrac{14}{4} = \dfrac{x}{14}$ | 49 | $\dfrac{28}{24} = \dfrac{7}{x}$ | 8 | $\dfrac{x}{7} = \dfrac{9}{3}$ | 4 | $\dfrac{x}{8} = \dfrac{3}{6}$

28 | 8 | 12 | 21 | 3

$\dfrac{14}{7} = \dfrac{x}{11}$ | 22 | $\dfrac{x}{4} = \dfrac{10}{5}$ | 16 | $\dfrac{14}{12} = \dfrac{7}{x}$ | 9 | $\dfrac{x}{14} = \dfrac{9}{3}$ | 42 | $\dfrac{14}{3} = \dfrac{x}{6}$

35 | 88 | 8 | 12 | 28

$\dfrac{14}{x} = \dfrac{2}{10}$ | 22 | $\dfrac{4}{x} = \dfrac{2}{11}$ | 15 | $\dfrac{8}{12} = \dfrac{10}{x}$ | 10 | $\dfrac{x}{5} = \dfrac{14}{7}$ | 18 | $\dfrac{x}{12} = \dfrac{3}{2}$

70 | 24 | 16 | 15 | 72

$\dfrac{x}{12} = \dfrac{13}{3}$ | 52 | $\dfrac{9}{2} = \dfrac{x}{8}$ | 38 | $\dfrac{27}{9} = \dfrac{x}{3}$ | 9 | $\dfrac{x}{10} = \dfrac{15}{25}$ | 8 | $\dfrac{x}{2} = \dfrac{6}{3}$

26 | 36 | 4 | 6 | 9

$\dfrac{3}{2} = \dfrac{x}{4}$ | 18 | $\dfrac{x}{13} = \dfrac{6}{2}$ | 39 | $\dfrac{25}{10} = \dfrac{10}{x}$ | 5 | $\dfrac{6}{3} = \dfrac{x}{12}$ | 24 | **END!**

Solving Proportions Maze B!

Directions: Find the value of *x* for each problem along the way. Use your solutions to navigate through the puzzle. **SHOW ALL STEPS** by circling your answers.

Start!

$\dfrac{x-3}{8} = \dfrac{3}{6}$

$\dfrac{x}{10} = \dfrac{x+6}{11}$

$\dfrac{x-1}{10} = \dfrac{9}{5}$

$\dfrac{8}{4} = \dfrac{16}{x-4}$

$\dfrac{x}{7} = \dfrac{x+9}{8}$

7   18   19   8

9   60   65   12   6

$\dfrac{x+8}{x} = \dfrac{12}{9}$

$\dfrac{2}{9} = \dfrac{10}{x-4}$

$\dfrac{24}{3} = \dfrac{x+7}{9}$

$\dfrac{5}{15} = \dfrac{12}{x-3}$

$\dfrac{2}{8} = \dfrac{10}{x-3}$

26   49   8   39

28   8   12   21   43

$\dfrac{12}{x-4} = \dfrac{6}{8}$

$\dfrac{9}{3} = \dfrac{x+2}{9}$

$\dfrac{12}{x+4} = \dfrac{11}{x}$

$\dfrac{x}{4} = \dfrac{x+14}{6}$

$\dfrac{10}{x+6} = \dfrac{5}{x}$

25   16   28   6

20   20   44   12   28

$\dfrac{9}{x+9} = \dfrac{2}{4}$

$\dfrac{14}{x} = \dfrac{7}{x-10}$

$\dfrac{3}{2} = \dfrac{x+13}{x}$

$\dfrac{x+3}{4} = \dfrac{10}{2}$

$\dfrac{x}{x-7} = \dfrac{13}{12}$

22   26   10   17

9   24   16   22   91

$\dfrac{x-9}{2} = \dfrac{6}{4}$

$\dfrac{7}{3} = \dfrac{x+12}{x}$

$\dfrac{8}{4} = \dfrac{x-5}{5}$

$\dfrac{x}{x-2} = \dfrac{11}{10}$

$\dfrac{x+4}{7} = \dfrac{6}{3}$

12   9   15   8

26   36   8   6   10

END!

$\dfrac{x-10}{3} = \dfrac{6}{2}$

$\dfrac{5}{3} = \dfrac{10}{x+2}$

$\dfrac{6}{3} = \dfrac{x-10}{9}$

$\dfrac{8}{10} = \dfrac{x-12}{x}$

19   4   28   60

Solving Proportions Maze B!

Directions: Find the value of *x* for each problem along the way. Use your solutions to navigate through the puzzle. **SHOW ALL STEPS** by circling your answers.

Start!

$\dfrac{x-3}{8} = \dfrac{3}{6}$ — 7

$\dfrac{x}{10} = \dfrac{x+6}{11}$ — 18

$\dfrac{x-1}{10} = \dfrac{9}{5}$ — 19

$\dfrac{8}{4} = \dfrac{16}{x-4}$ — 8

$\dfrac{x}{7} = \dfrac{x+9}{8}$

9 — 60 — 65 — 12 — 6

$\dfrac{x+8}{x} = \dfrac{12}{9}$ — 26

$\dfrac{2}{9} = \dfrac{10}{x-4}$ — 49

$\dfrac{24}{3} = \dfrac{x+7}{9}$ — 8

$\dfrac{5}{15} = \dfrac{12}{x-3}$ — 39

$\dfrac{2}{8} = \dfrac{10}{x-3}$

28 — 8 — 12 — 21 — 43

$\dfrac{12}{x-4} = \dfrac{6}{8}$ — 25

$\dfrac{9}{3} = \dfrac{x+2}{9}$ — 16

$\dfrac{12}{x+4} = \dfrac{11}{x}$ — 28

$\dfrac{x}{4} = \dfrac{x+14}{6}$ — 6

$\dfrac{10}{x+6} = \dfrac{5}{x}$

20 — 20 — 44 — 12 — 28

$\dfrac{9}{x+9} = \dfrac{2}{4}$ — 22

$\dfrac{14}{x} = \dfrac{7}{x-10}$ — 26

$\dfrac{3}{2} = \dfrac{x+13}{x}$ — 10

$\dfrac{x+3}{4} = \dfrac{10}{2}$ — 17

$\dfrac{x}{x-7} = \dfrac{13}{12}$

9 — 24 — 16 — 22 — 91

$\dfrac{x-9}{2} = \dfrac{6}{4}$ — 12

$\dfrac{7}{3} = \dfrac{x+12}{x}$ — 9

$\dfrac{8}{4} = \dfrac{x-5}{5}$ — 15

$\dfrac{x}{x-2} = \dfrac{11}{10}$ — 8

$\dfrac{x+4}{7} = \dfrac{6}{3}$

26 — 36 — 8 — 6 — 10

END!

19

$\dfrac{x-10}{3} = \dfrac{6}{2}$ — 4

$\dfrac{5}{3} = \dfrac{10}{x+2}$ — 28

$\dfrac{6}{3} = \dfrac{x-10}{9}$ — 60

$\dfrac{8}{10} = \dfrac{x-12}{x}$