

# 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!**

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

7

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

18

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

19

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

8

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

9

60

65

12

6

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

26

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

49

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

8

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

39

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

28

8

12

21

43

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

25

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

16

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

28

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

6

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

20

20

44

12

28

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

22

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

26

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

10

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

17

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

9

24

16

22

91

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

12

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

9

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

15

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

8

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

26

36

8

6

10

**END!**

19

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

4

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

28

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

60

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