

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

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