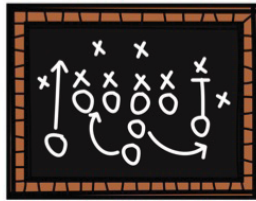


Snakes

(Multiplication as Scaling)

Materials: Small counters (one color per player), 1 dice

Object of the game: To create the longest snake on the game board.



Directions: On your turn, roll the dice. Find your roll in the chart. Look at the sign beside that roll. Next, find a space on the game board that contains a problem where that sign can be used in the blank. *You should NOT need to solve the problem to determine the correct sign.*

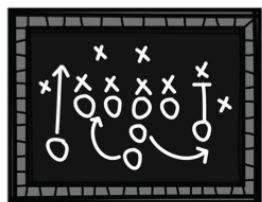
You may cover any box that requires that sign provided that it has not already been covered. If all of the boxes for that sign have already been covered, you do not get to cover any boxes, and it is the next player's turn. When all of the boxes have been covered, each player counts his/her longest snake. To count your longest snake, look for the longest continuous path of your own counters on the board. Paths can continue vertically and horizontally, but not diagonally. No counter may be counted twice. The player with the longest snake is the winner.

Roll of Dice	Sign to Use
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	=

$\frac{1}{4} \times \frac{3}{4} \underline{\hspace{1cm}} \frac{3}{4}$	$2\frac{6}{8} \times \frac{4}{10} \underline{\hspace{1cm}} 2\frac{6}{8}$	$1\frac{2}{3} \times 1\frac{4}{5} \underline{\hspace{1cm}} 1\frac{4}{5}$	$6\frac{8}{12} \times \frac{7}{5} \underline{\hspace{1cm}} 6\frac{8}{12}$	$3\frac{1}{5} \times \frac{6}{6} \underline{\hspace{1cm}} 3\frac{1}{5}$
$\frac{9}{4} \times \frac{2}{3} \underline{\hspace{1cm}} \frac{2}{3}$	$5\frac{5}{7} \times \frac{3}{3} \underline{\hspace{1cm}} 5\frac{5}{7}$	$2\frac{6}{7} \times \frac{3}{8} \underline{\hspace{1cm}} 2\frac{6}{7}$	$\frac{4}{6} \times 1\frac{1}{2} \underline{\hspace{1cm}} 1\frac{1}{2}$	$5\frac{4}{5} \times 2\frac{3}{8} \underline{\hspace{1cm}} 5\frac{4}{5}$
$2\frac{1}{6} \times \frac{8}{3} \underline{\hspace{1cm}} 2\frac{1}{6}$	$\frac{5}{6} \times \frac{1}{3} \underline{\hspace{1cm}} \frac{1}{3}$	$9\frac{3}{4} \times \frac{9}{10} \underline{\hspace{1cm}} 9\frac{3}{4}$	$\frac{4}{4} \times \frac{9}{10} \underline{\hspace{1cm}} \frac{9}{10}$	$1\frac{1}{8} \times 2\frac{1}{4} \underline{\hspace{1cm}} 2\frac{1}{4}$
$\frac{3}{3} \times \frac{9}{8} \underline{\hspace{1cm}} \frac{3}{3}$	$\frac{2}{2} \times 3\frac{2}{7} \underline{\hspace{1cm}} 3\frac{2}{7}$	$1\frac{5}{10} \times \frac{1}{2} \underline{\hspace{1cm}} \frac{1}{2}$	$4\frac{2}{6} \times \frac{10}{5} \underline{\hspace{1cm}} 4\frac{2}{6}$	$\frac{3}{10} \times \frac{3}{15} \underline{\hspace{1cm}} \frac{3}{10}$
$\frac{4}{10} \times \frac{5}{7} \underline{\hspace{1cm}} \frac{5}{7}$	$\frac{12}{16} \times \frac{13}{8} \underline{\hspace{1cm}} \frac{13}{8}$	$\frac{3}{3} \times 1\frac{13}{15} \underline{\hspace{1cm}} 1\frac{13}{15}$	$2\frac{1}{3} \times 1\frac{3}{5} \underline{\hspace{1cm}} 2\frac{1}{3}$	$\frac{5}{5} \times \frac{2}{3} \underline{\hspace{1cm}} \frac{2}{3}$
$3\frac{2}{9} \times \frac{10}{10} \underline{\hspace{1cm}} 3\frac{2}{9}$	$7\frac{5}{6} \times \frac{1}{2} \underline{\hspace{1cm}} 7\frac{5}{6}$	$8\frac{1}{7} \times \frac{1}{4} \underline{\hspace{1cm}} \frac{1}{4}$	$\frac{2}{9} \times \frac{5}{11} \underline{\hspace{1cm}} \frac{5}{11}$	$4\frac{3}{7} \times \frac{5}{5} \underline{\hspace{1cm}} \frac{5}{5}$
$4\frac{7}{8} \times \frac{5}{8} \underline{\hspace{1cm}} 4\frac{7}{8}$	$\frac{3}{12} \times \frac{7}{6} \underline{\hspace{1cm}} \frac{3}{12}$	$2\frac{5}{6} \times \frac{8}{8} \underline{\hspace{1cm}} 2\frac{5}{6}$	$\frac{9}{2} \times \frac{2}{8} \underline{\hspace{1cm}} \frac{9}{2}$	$3\frac{5}{11} \times 2\frac{3}{4} \underline{\hspace{1cm}} 3\frac{5}{11}$
$\frac{3}{5} \times 1\frac{1}{10} \underline{\hspace{1cm}} \frac{3}{5}$	$\frac{9}{9} \times \frac{1}{4} \underline{\hspace{1cm}} \frac{1}{4}$	$6\frac{1}{6} \times \frac{1}{6} \underline{\hspace{1cm}} 6\frac{1}{6}$	$\frac{2}{2} \times \frac{3}{9} \underline{\hspace{1cm}} \frac{2}{2}$	$\frac{4}{8} \times \frac{1}{2} \underline{\hspace{1cm}} \frac{1}{2}$
$5\frac{4}{10} \times \frac{2}{1} \underline{\hspace{1cm}} 5\frac{4}{10}$	$\frac{12}{12} \times 12\frac{8}{12} \underline{\hspace{1cm}} 12\frac{8}{12}$	$1\frac{2}{7} \times 1\frac{7}{8} \underline{\hspace{1cm}} 1\frac{7}{8}$	$3\frac{10}{12} \times \frac{3}{5} \underline{\hspace{1cm}} 3\frac{10}{12}$	$6\frac{1}{2} \times \frac{12}{12} \underline{\hspace{1cm}} 6\frac{1}{2}$

Snakes ANSWERS

(Multiplication as Scaling)



Roll of Dice	Sign to Use
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	=

Note: All answers are shown on the game board spaces below.

$\frac{1}{4} \times \frac{3}{4} < \frac{3}{4}$	$2\frac{6}{8} \times \frac{4}{10} < 2\frac{6}{8}$	$1\frac{2}{3} \times 1\frac{4}{5} > 1\frac{4}{5}$	$6\frac{8}{12} \times \frac{7}{5} > 6\frac{8}{12}$	$3\frac{1}{5} \times \frac{6}{6} = 3\frac{1}{5}$
$\frac{9}{4} \times \frac{2}{3} > \frac{2}{3}$	$5\frac{5}{7} \times \frac{3}{3} = 5\frac{5}{7}$	$2\frac{6}{7} \times \frac{3}{8} < 2\frac{6}{7}$	$\frac{4}{6} \times 1\frac{1}{2} < 1\frac{1}{2}$	$5\frac{4}{5} \times 2\frac{3}{8} > 5\frac{4}{5}$
$2\frac{1}{6} \times \frac{8}{3} > 2\frac{1}{6}$	$\frac{5}{6} \times \frac{1}{3} < \frac{1}{3}$	$9\frac{3}{4} \times \frac{9}{10} < 9\frac{3}{4}$	$\frac{4}{4} \times \frac{9}{10} = \frac{9}{10}$	$1\frac{1}{8} \times 2\frac{1}{4} > 2\frac{1}{4}$
$\frac{3}{3} \times \frac{9}{8} > \frac{3}{3}$	$\frac{2}{2} \times 3\frac{2}{7} = 3\frac{2}{7}$	$1\frac{5}{10} \times \frac{1}{2} > \frac{1}{2}$	$4\frac{2}{6} \times \frac{10}{5} > 4\frac{2}{6}$	$\frac{3}{10} \times \frac{3}{15} < \frac{3}{10}$
$\frac{4}{10} \times \frac{5}{7} < \frac{5}{7}$	$\frac{12}{16} \times \frac{13}{8} < \frac{13}{8}$	$\frac{3}{3} \times 1\frac{13}{15} = 1\frac{13}{15}$	$2\frac{1}{3} \times 1\frac{3}{5} > 2\frac{1}{3}$	$\frac{5}{5} \times \frac{2}{3} = \frac{2}{3}$
$3\frac{2}{9} \times \frac{10}{10} = 3\frac{2}{9}$	$7\frac{5}{6} \times \frac{1}{2} < 7\frac{5}{6}$	$8\frac{1}{7} \times \frac{1}{4} > \frac{1}{4}$	$\frac{2}{9} \times \frac{5}{11} < \frac{5}{11}$	$4\frac{3}{7} \times \frac{5}{5} > \frac{5}{5}$
$4\frac{7}{8} \times \frac{5}{8} < 4\frac{7}{8}$	$\frac{3}{12} \times \frac{7}{6} > \frac{3}{12}$	$2\frac{5}{6} \times \frac{8}{8} = 2\frac{5}{6}$	$\frac{9}{2} \times \frac{2}{8} < \frac{9}{2}$	$3\frac{5}{11} \times 2\frac{3}{4} > 3\frac{5}{11}$
$\frac{3}{5} \times 1\frac{1}{10} > \frac{3}{5}$	$\frac{9}{9} \times \frac{1}{4} = \frac{1}{4}$	$6\frac{1}{6} \times \frac{1}{6} < 6\frac{1}{6}$	$\frac{2}{2} \times \frac{3}{9} < \frac{3}{9}$	$\frac{4}{8} \times \frac{1}{2} < \frac{1}{2}$
$5\frac{4}{10} \times \frac{2}{1} > 5\frac{4}{10}$	$\frac{12}{12} \times 12\frac{8}{12} = 12\frac{8}{12}$	$1\frac{2}{7} \times 1\frac{7}{8} > 1\frac{7}{8}$	$3\frac{10}{12} \times \frac{3}{5} < 3\frac{10}{12}$	$6\frac{1}{2} \times \frac{12}{12} = 6\frac{1}{2}$