

Lesson 2.4

Enrichment and Extension

Tic-Tac-Toe

Copy the value descriptions below on pieces of paper and place them in a hat. Choose one description from the hat. Then find the expression on the board whose value matches the description. Put an “X” in the box above that expression. Choose another description and put an “O” above its matching expression. Keep alternating between X and O until the board is full. Get three Xs or three Os in a row horizontally, vertically, or diagonally to win. Did the Xs or Os win?

Do not put the descriptions back in the hat after you have chosen them.

<div></div> $2\frac{11}{12} \div \frac{7}{9} \times 3\frac{1}{20}$	<div></div> $10\frac{1}{2} \div 4\frac{5}{7} \div \frac{10}{11}$	<div></div> $4\frac{2}{5} \times 3\frac{3}{10} \div 2\frac{14}{15}$
<div></div> $15\frac{3}{4} \div 2\frac{9}{20} + 1\frac{11}{28}$	<div></div> $28\frac{1}{8} \div 6\frac{3}{7} \div 4\frac{13}{20}$	<div></div> $6\frac{12}{13} - 6\frac{9}{10} \div 1\frac{4}{35}$
<div></div> $8\frac{1}{6} \div 1\frac{2}{5} - 1\frac{1}{6}$	<div></div> $12\frac{3}{4} + 5\frac{5}{8} \div 4\frac{1}{14}$	<div></div> $7\frac{3}{11} \div \frac{5}{22} \div 3\frac{5}{17}$

- The value is about $2\frac{1}{2}$.

- The value is about $9\frac{1}{2}$.

- The value is more than 14.

- The value is about $\frac{3}{4}$.

- The value is between 7 and 8.

- The value is about $11\frac{1}{2}$.

- The value is about 1.

- The value is equivalent to $4\frac{95}{100}$.

- The value is between $4\frac{1}{2}$ and $4\frac{3}{4}$.