

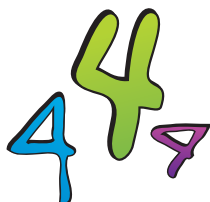
Big Ideas Math® Game Closet



More Fours

Materials:

- Paper
- Pencil



Directions:

Use exactly four 4's and the operations +, −, X, and ÷ to write expressions that have values of 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10.

For example, $44 - 44 = 0$.

Who Wins?

The student that has the most expressions wins.

Possible Answers:

$$\begin{aligned}
 44 - 44 &= 0 \\
 (4 + 4 - 4) \div 4 &= 1 \\
 4(4) \div (4 + 4) &= 2 \\
 (4 + 4 + 4) \div 4 &= 3 \\
 (4 - 4)4 + 4 &= 4 \\
 (4 \times 4 + 4) \div 4 &= 5 \\
 (4 + 4) \div 4 + 4 &= 6 \\
 44 \div 4 - 4 &= 7 \\
 4 + 4 + 4 - 4 &= 8 \\
 4 \div 4 + 4 + 4 &= 9 \\
 (44 - 4) \div 4 &= 10
 \end{aligned}$$