Multiples of Ten Multiply

Materials: set of numeral cards (0-9), counters

Number of Players: 2

_____

1. Shuffle the cards and place them face down in a stack. Players flip over two cards each from the top of the stack and place a zero after the second digit to make a 1 x 2-digit multiplication problem.

2. Multiply the two factors mentally. Explain your thinking.

Example: Tom turns over 8 and 5. He places a zero after the 5 and multiplies 8 x 50 mentally for a product of 400.
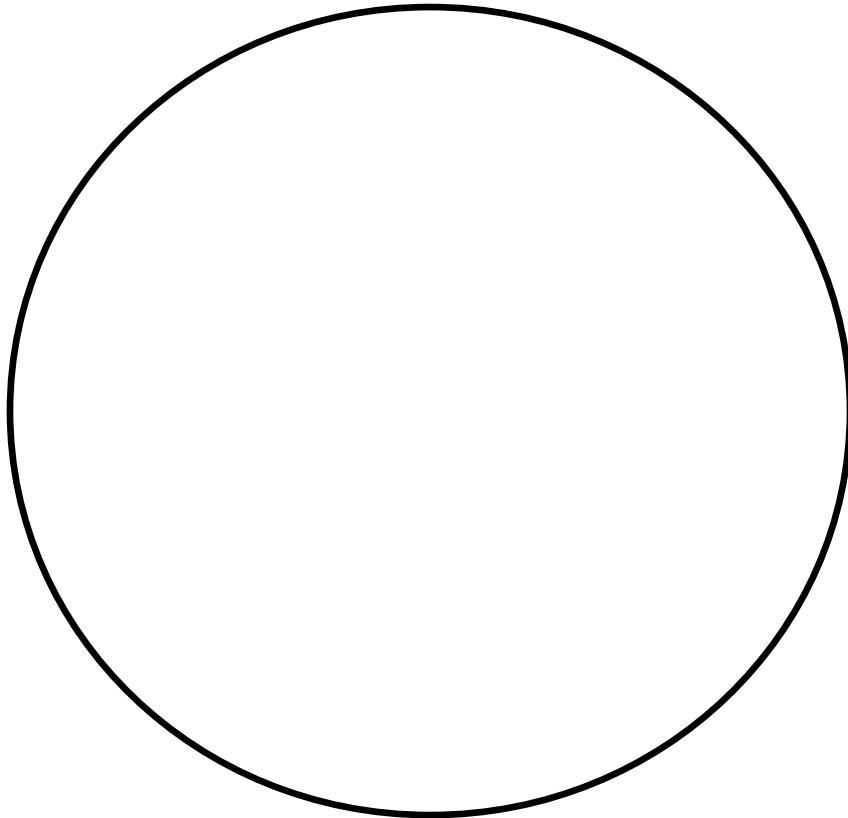
8 **x** 5 0

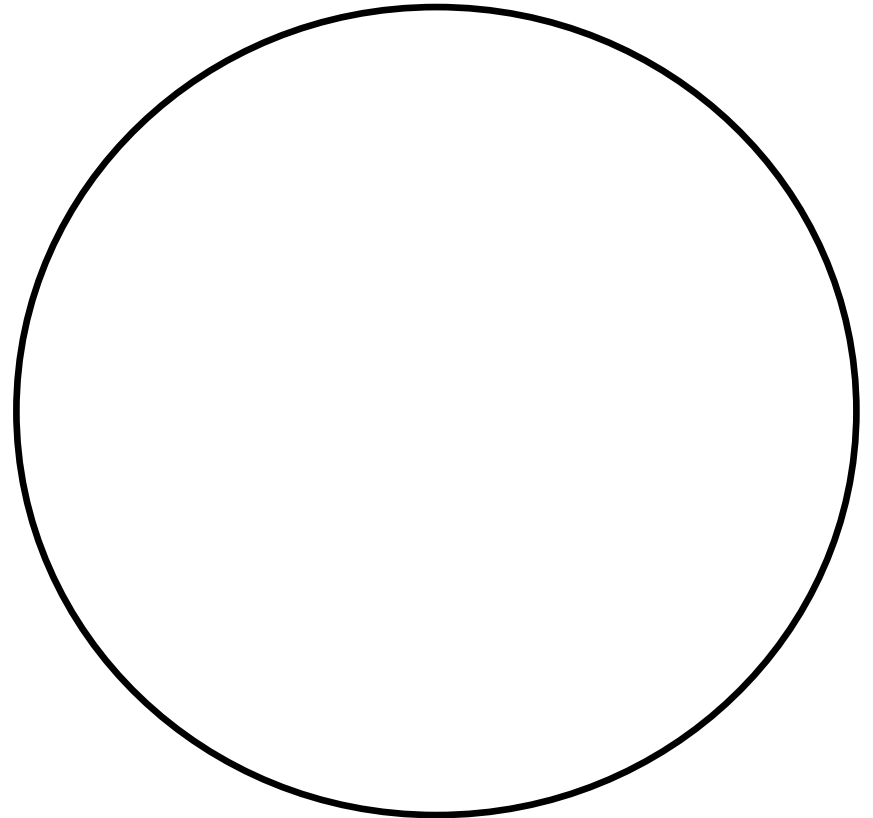I know that 8 x 5 is 40, so 8 x 5 tens equals 40 tens or 400.

3. The player with the largest product places a counter in his or her circle on the board.

4. Continue taking turns to turn over two cards, create 1 x 2-digit multiplication problems with multiples of ten and compare your products. The first player to have 10 counters in his or her circle wins the game.

Multiples of Ten Multiply

Player One

Player Two

I know that ___ times ___ is ___ , so ___ times ___ tens equals ___ tens or ___ .

I know that ___ times ___ is ___ , so ___ times ___ tens equals ___ tens or ___ .

___ times ___ means ___ groups of ___ tens, which is ___ tens or ___ .

___ times ___ means ___ groups of ___ tens, which is ___ tens or ___ .