

Domino Fraction Multiplication War

5.NF.4b

This is a 2 player game.

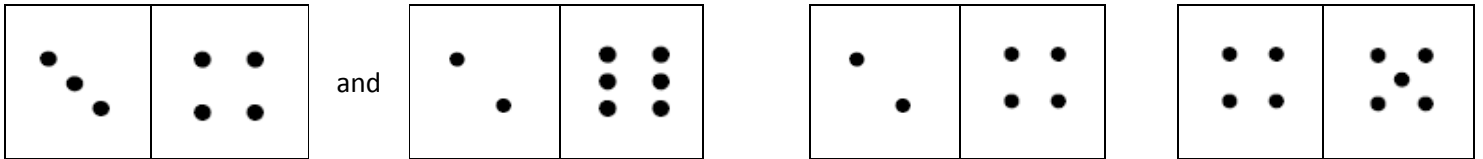
Directions:

- 1) Each player selects 2 dominoes to represent proper fractions and records the proper fractions on the recording sheet. (You may remove the blank dominos from the boneyard.)

Sample:

Player 1 draws to represent $\frac{3}{4} \times \frac{2}{6}$
 $\frac{4}{5}$

Player 2 draws to represent $\frac{2}{4} \times$



- 2) Each player represents the area of the rectangle formed when multiplying the 2 dominoes by shading the 2 fractions in 2 different colors on the given transparency squares.
- 3) [Optional] Players overlap the two transparency squares shaded to compare their area models to determine who has the greater product. The player with the greater area collects all the dominos for that round and records the results on the recording sheet.
- 4) If both products result in the same area, the 4 dominoes are put in a “tie” pile and are given to the player who has the greater area in the next round.
- 5) The player with the greatest number of dominoes wins.
- 6) This game should be played for some time and discussed during the closure of the lesson before the assessment is given.

Domino Fraction Multiplication War

5.NF.4b

Recording Sheet

Player 1	Player 2
$\underline{\quad} \times \underline{\quad} = \underline{\quad}$	$\underline{\quad} \times \underline{\quad} = \underline{\quad}$

Area Model:



>

<


=

Area Model:



Player 1	Player 2
$\underline{\quad} \times \underline{\quad} = \underline{\quad}$	$\underline{\quad} \times \underline{\quad} = \underline{\quad}$

Area Model:

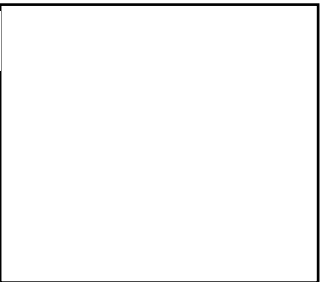


>

<

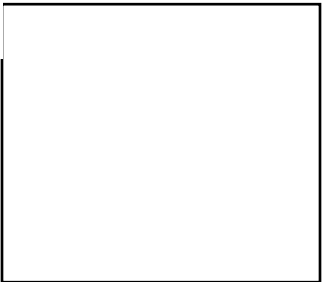
=

Area Model:



Player 1	Player 2
$\underline{\quad} \times \underline{\quad} = \underline{\quad}$	$\underline{\quad} \times \underline{\quad} = \underline{\quad}$

Area Model:




>

<

=

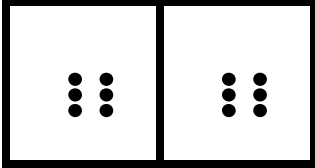
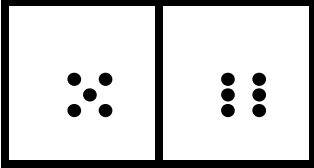
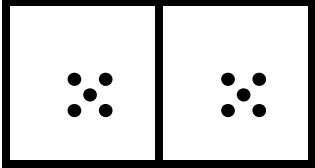
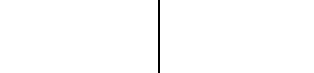
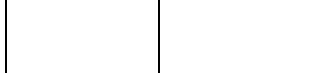
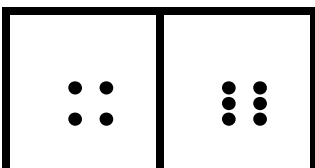
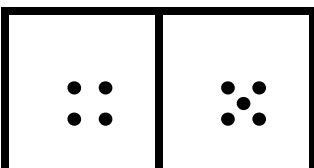
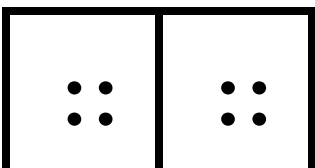
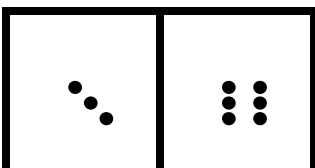
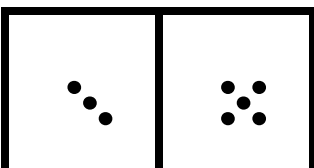
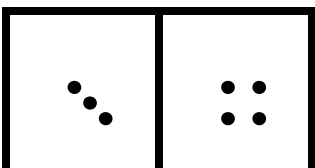
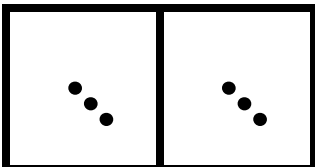
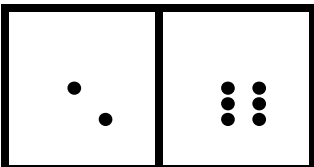
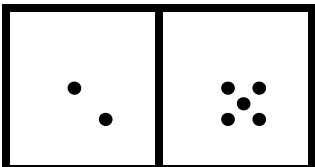
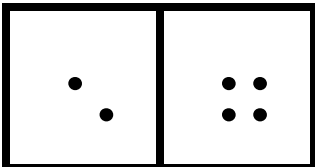
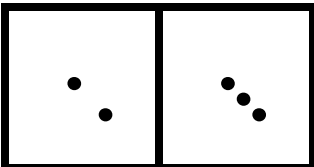
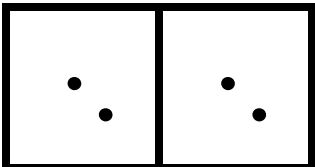
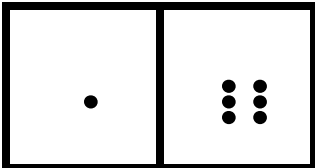
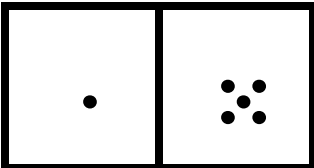
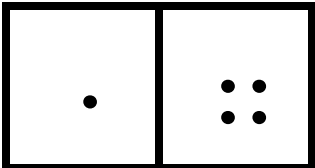
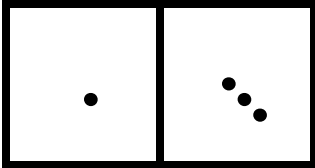
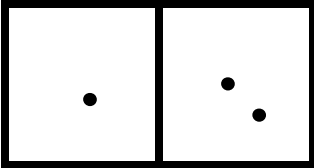
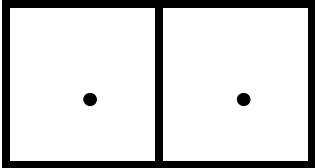
Area Model:



Domino Fraction Multiplication War

5.NF.4b

Dominoes Blackline Master



Domino Fraction Multiplication War

5.NF.4b

Transparency Blackline Masters

--

--	--

--	--	--

--	--	--	--

--	--	--	--	--

--	--	--	--	--	--

