



Missing Factors (page 1 of 2)

You need

- set of Array Cards
- *Missing Factors* Recording Sheet

Play alone or with a partner. This game is a variation of Factor Pairs.

- 1 Spread out all of the Array Cards in front of you with the product side up.
- 2 Choose an Array Card. One dimension is written for you. The *missing factor* is the other dimension. You must say what the missing factor is. For example, if you choose an Array Card that has the product of 16, and one dimension is 2, the missing factor is 8.

16	2
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- 3 Turn the card over to check your answer. If your answer is correct, keep the card. If your answer is not correct, return the card to the set of Array Cards, dimensions side up.

			2 x 8			
			8 x 2			



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- 4 On the *Missing Factors* Recording Sheet, write an equation to go with each array you keep. Circle the missing factor. For example:
 $2 \times \textcircled{8} = 16$ or $16 \div 2 = \textcircled{8}$
- 5 If you are playing with a partner, take turns choosing cards until all the cards with products still showing have been picked up.
- 6 When there are only cards with dimensions sides showing, take turns pointing to a card and saying what is on the other side (the product), keeping the cards when your answers are correct. The player with the most cards wins.