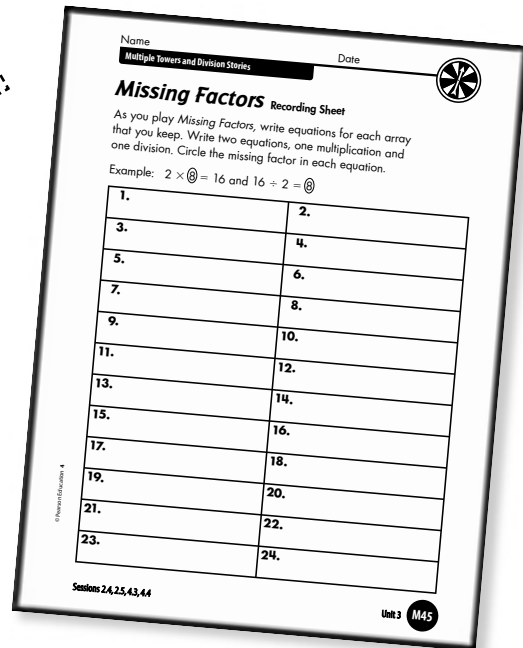
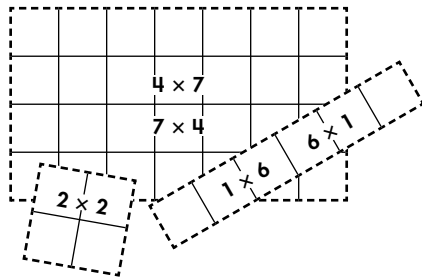


Missing Factors

You need

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



Play alone or with a partner.

- 1 Spread out all the Array Cards in front of you, with the product side showing.
- 2 Choose an Array Card. One dimension is given. Your job is to say what the other dimension is. This is the missing factor. For example, if you choose an Array Card that has a total of 16, and one dimension is 2, the missing factor is 8.
- 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, factor side up.
- 4 On the *Missing Factors* Recording Sheet, write two equations, one multiplication equation and one division equation, to go with each array you keep. Circle the missing factor. For example:

$$2 \times \textcircled{8} = 16 \quad \text{and} \quad 16 \div 2 = \textcircled{8}$$
- 5 If you are playing with a partner, take turns choosing cards until all of the cards with products still showing have been picked up.
- 6 When there are cards with only factors sides showing, take turns pointing to a card and saying what is on the other side (the total number of squares), keeping the cards when your answers are correct. The player with the most cards wins.