Name Date
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- 1. Draw an area model. Then, solve using the standard algorithm. Use arrows to match the partial products from your area model to the partial products in the algorithm.
  - a.  $27 \times 36$

27 × 36

b. 527 × 36

527 × 36



2. Solve using the standard algorithm.

a. 649 × 53

b.  $496 \times 53$ 

c.  $758 \times 46$ 

d. 529 × 48

3. Each of the 25 students in Mr. McDonald's class sold 16 raffle tickets. If each ticket costs \$15, how much money did Mr. McDonald's students raise?



Lesson 6:

Connect area models and the distributive property to partial products of the standard algorithm with renaming.

4. Jayson buys a car and pays by installments. Each installment is \$567 per month. After 48 months, Jayson owes \$1,250. What was the total price of the vehicle?

