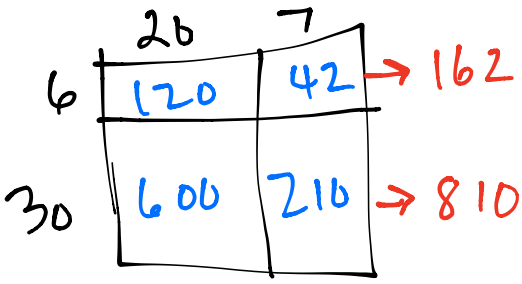
Name _____ Date _____

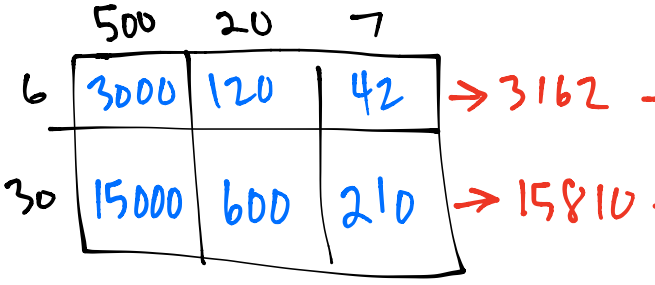
1. Draw an area model, and then solve using the standard algorithm. Use arrows to match the partial products from your area model to the partial products in the algorithm.

a. 27 × 36 = _____



$$\begin{array}{r} 27 \\ \times\ 36 \\ \hline 162 \\ +\ 810 \\ \hline 972 \end{array}$$

b. 527 × 36 = _____



$$\begin{array}{r} 527 \\ \times\ 36 \\ \hline 3162 \\ +15810 \\ \hline 18972 \end{array}$$

2. Solve using the standard algorithm.

a. 649 × 53

$$\begin{array}{r} 649 \\ \times\ 53 \\ \hline 1947 \\ +32450 \\ \hline 34397 \end{array}$$

34,397

b. 496 × 53

$$\begin{array}{r} 496 \\ \times\ 53 \\ \hline 1488 \\ +24800 \\ \hline 26288 \end{array}$$

26,288

c. 758 × 46

$$\begin{array}{r} 758 \\ \times\ 46 \\ \hline 4548 \\ +30320 \\ \hline 34868 \end{array}$$

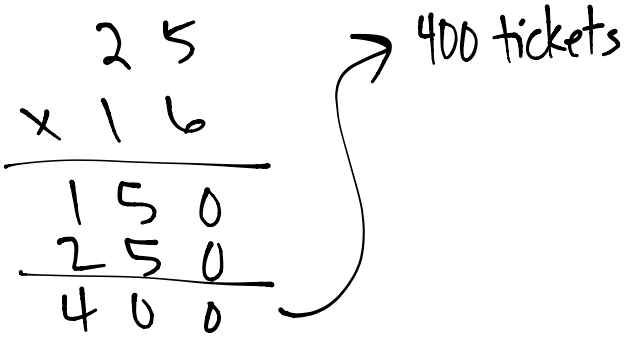
34,868

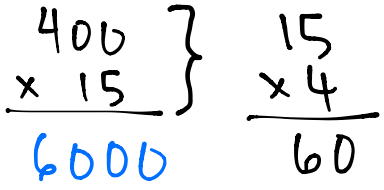
d. 529 × 48

$$\begin{array}{r} 529 \\ \times\ 48 \\ \hline 4232 \\ +21160 \\ \hline 25392 \end{array}$$

25,392

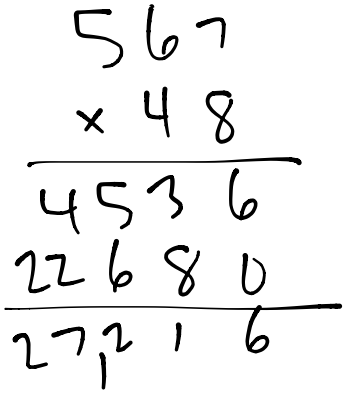
3. Each of the 25 students in Mr. McDonald's class sold 16 raffle tickets. If each ticket cost $15, how much money did Mr. McDonald's students raise?

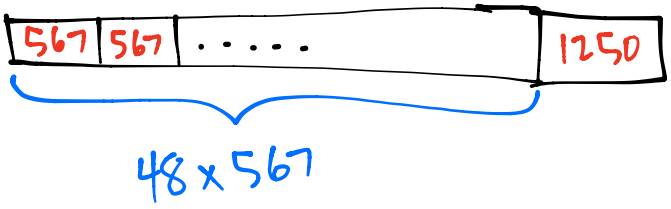


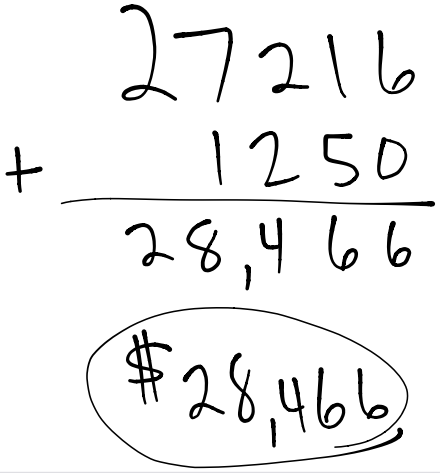


$6,000

4. Jayson buys a car and pays by installments. Each installment is $567 per month. After 48 months, Jayson owes $1250. What was the total price of the vehicle?







$28,466