

Animal Facts

A thirsty camel drinks about 20 gallons of water. How many gallons will 80 thirsty camels drink?

	10	10	10	10	10	10	10	10
10								
10								

$$\begin{aligned} & 20 \times 80 \\ & (2 \times 10) \times (8 \times 10) \\ & (2 \times 8) \times (10 \times 10) \\ & 16 \times 100 \\ & 1600 \end{aligned}$$

A full-grown walrus weighs 3000 pounds. How much do 30 full-grown walruses weigh altogether?

	1000	1000	1000
10			
10			
10			

$$\begin{aligned} & 30 \times 3000 \\ & (3 \times 10) \times (3 \times 1000) \\ & (3 \times 3) \times (10 \times 1000) \\ & 9 \times 10,000 \\ & 90,000 \end{aligned}$$

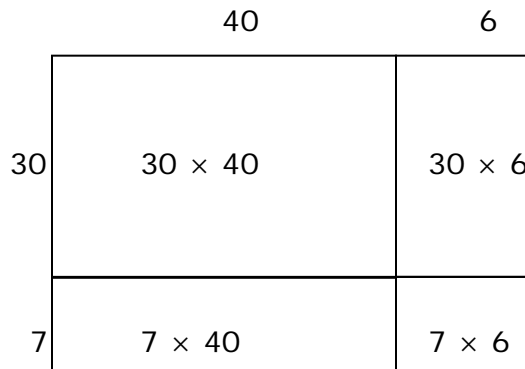
A squirrel stored 300 pinecones in a field. How many pinecones would 70 such squirrels store?

A full-grown elephant eats 400 pounds of food each day. How many pounds does it eat in 200 days?

Multiplication: The Array Model

Kabir's backyard garden was 37 feet by 46 feet. What was the area of his garden?

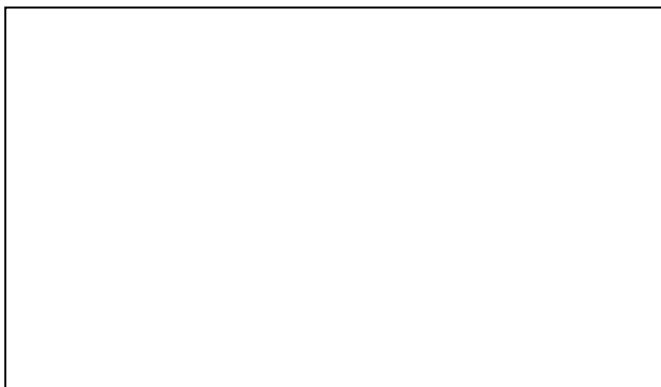
$$37 \times 46 = \boxed{}$$



$$\begin{array}{r} 30 \times 40 = 1200 \\ 30 \times 6 = 180 \\ 7 \times 40 = 280 \\ 7 \times 6 = 42 \\ \hline 1702 \end{array}$$

Beth and Sahil finished working a giant jigsaw puzzle. They saw that the pieces fit into rows of 45 pieces and that there were 29 rows in all. How many pieces did the puzzle have?

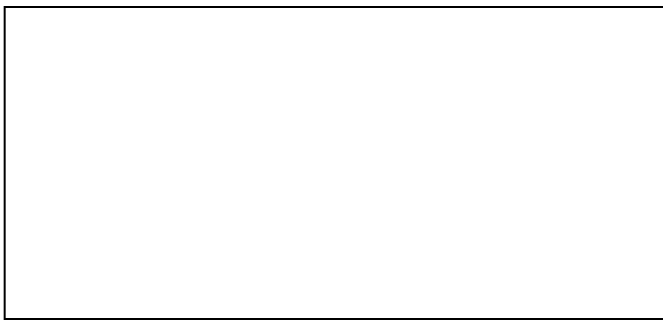
$$45 \times 29 = \boxed{}$$



Multiplication: The Array Model

A long narrow field had 53 rows of corn. Each row has 476 corn plants in it. How many corn plants are in this field altogether?

$$53 \times 476 =$$



The Jones family peach orchard had 263 rows of trees with 197 trees in each row. How many trees were in the orchard?

$$263 \times 197 =$$

