Practice Video Tools Games

Another Look!

A sports store sells skateboards for $112. Last month the store sold 45 skateboards. How much money did the store bring in from selling them?

The Standard Algorithm is always an effective method for multiplying two numbers.

$$
\begin{array}{r}
\overset{1}{1}12 \\
\times \quad 45 \\
\hline
560 \\
+ \quad 4480 \\
\hline
5,040
\end{array}
$$

The store brought in $5,040 from selling skateboards.

For **1–12**, find each product.

1.
$$
\begin{array}{r}
1\,2\,0\,6 \\
\times \quad 1\,5 \\
\hline
\end{array}
$$

2.
$$
\begin{array}{r}
2\,4\,0 \\
\times \quad 2\,2 \\
\hline
\end{array}
$$

3.
$$
\begin{array}{r}
6\,5\,4 \\
\times \quad 4\,5 \\
\hline
\end{array}
$$

4.
$$
\begin{array}{r}
3\,3\,9 \\
\times \quad 5\,0 \\
\hline
\end{array}
$$

5.
$$
\begin{array}{r}
423 \\
\times \quad 18 \\
\hline
\end{array}
$$

6.
$$
\begin{array}{r}
914 \\
\times \quad 12 \\
\hline
\end{array}
$$

7.
$$
\begin{array}{r}
125 \\
\times \quad 15 \\
\hline
\end{array}
$$

8.
$$
\begin{array}{r}
425 \\
\times \quad 82 \\
\hline
\end{array}
$$

9.
$$
\begin{array}{r}
185 \\
\times \quad 24 \\
\hline
\end{array}
$$

10.
$$
\begin{array}{r}
1,288 \\
\times \quad 33 \\
\hline
\end{array}
$$

11.
$$
\begin{array}{r}
6,301 \\
\times \quad 47 \\
\hline
\end{array}
$$

12.
$$
\begin{array}{r}
3,440 \\
\times \quad 75 \\
\hline
\end{array}
$$

13. Tomika plans to run 84 miles in 4 weeks. If she continues the pattern, how many miles will she run in 1 year? Explain.

1 year = 52 weeks
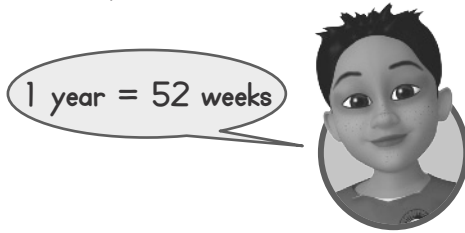
14. Pete owns several pizza restaurants. He sells cheese pizzas for $12 each. How much money was made in January at the Westland location?

Cheese Pizza Sales for January	
Location	**Number Sold**
Downtown	1,356
Center City	998
Westland	1,824

DATA

15. How many more pizzas did the Downtown location sell than the Center City location? Write an equation to show your work.

16. Make Sense and Persevere How many more pizzas does the Westland location need to sell to equal the total number of pizzas sold by the Downtown and Center City locations? Explain your work.

17. Higher Order Thinking A farmer grows 128 red tomato plants and 102 yellow tomato plants. Each plant produces about 32 tomatoes. The farmer plans to sell each tomato for $2. Explain how to find a reasonable estimate for the total amount of money the farmer will earn if she sells all of the tomatoes.

✓ **Assessment Practice**

18. The product of the following expression is 15,688.

$$212$$
$$\times \ \boxed{}4$$

What is the missing digit?

Ⓐ 0

Ⓑ 1

Ⓒ 4

Ⓓ 7

19. The product of the following expression is 22,718.

$$\boxed{}14$$
$$\times \ \ 37$$

What is the missing digit?

Ⓐ 1

Ⓑ 4

Ⓒ 6

Ⓓ 7