

Circle the best estimate for each product.

1. $14.9 * 6.7$ 10 100 1,000

2. $840.5 * 0.4$ 4 40 400

3. $3.76 * 1.91$ 8 80 800

4. $78.94 * 0.03$ 3 30 300

5. $176.4 * 12.4$ 200 2,000 20,000

6. $783.06 * 1.05$ 80 800 8,000



Multiply.

7.
$$\begin{array}{r} 9.5 \\ * 5.6 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 7.3 \\ * 0.5 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 14.9 \\ * 1.8 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 26.9 \\ * 2.3 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 9.3 \\ * 0.6 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 57 \\ * 3.2 \\ \hline \end{array}$$

Solve each problem. Then write a number sentence.

13. Alex ordered 3 dozen pens. Each pen costs \$1.39.
What was the total cost of the order, not including tax?

14. Find the area of a square with sides 5.7 cm in length.

Complete the "What's My Rule?" tables and rule boxes.

15.

Rule
$\text{out} = \text{in} + 27$

in	out
19	
36	
84	
127	
169	

16.

Rule

in	out
31	7
48	24
	29
72	
	56

17.

Rule

in	out
3	90
8	240
10	
	360
20	

18.


Rule
$\text{out} = \text{in} / 8$

in	out
24	
	8
720	
	40
4,800	

Solve.

19. When Beth woke up, the temperature was -6°F outside. By the time she got home from school, the temperature was 19°F outside. How many degrees had the temperature risen during the day? _____

20. The temperature in Milwaukee at 6 P.M. was 28°F . By midnight the temperature had dropped 37 degrees. What was the temperature at midnight? _____

21.  **Writing/Reasoning** Write your own temperature story problem. Include at least one negative temperature. Show how you would solve your problem. Be sure to label the temperatures correctly.