On Your Own

Find the product.

6.
$$\begin{array}{r} 7.9 \\ \times\ 3.4 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 9.2 \\ \times\ 5.6 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 3.45 \\ \times\ 9.7 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 45.3 \\ \times\ 0.8 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 6.98 \\ \times\ 2.5 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 7.02 \\ \times\ 3.4 \\ \hline \end{array}$$

Find the product.

12. 3.4×5.2

13. 0.9×2.46

14. 9.1×5.7

15. 4.8×6.01

16. 7.6×18.7

17. 1.5×9.34

18. 0.77×14.9

19. 3.3×58.14

20. Charlie has an adult Netherlands dwarf rabbit that weighs 1.2 kilograms. Cliff's adult Angora rabbit weighs 2.9 times as much as Charlie's rabbit. How much does Cliff's rabbit weigh?
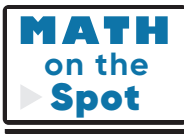
_____

21. Gina bought 2.5 pounds of peaches that cost $1.38 per pound at the grocery store. Amy went to the local farmer's market and purchased 3.5 pounds of peaches at $0.98 per pound. Who spent more money, and how much more?

_____

22. Juan has pet rabbits in an enclosure that has an area of 30.72 square feet. The enclosure Taylor is planning to build for his rabbits will be 2.2 times as large as Juan's. How many more square feet will Taylor's enclosure have than Juan's enclosure?

_____

23. A zoo is planning a new building for the penguin exhibit. First, they made a model that was 1.3 meters tall. Then, they made a more detailed model that was 1.5 times as tall as the first model. The building will be 2.5 times as tall as the height of the detailed model. What will be the height of the building?

MATH on the ▶ **Spot**

_____

24. **MTR** Leslie and Ali both solve the multiplication problem 5.5×4.6. Leslie says the answer is 25.30. Ali says the answer is 25.3. Whose answer is correct? Explain your reasoning.

_____

_____

_____

_____

25. For 25a–25d select True or False to indicate if the statement is correct.

25a. The product of 1.3 and 2.1 is 2.73.   ○ True   ○ False

25b. The product of 2.6 and 0.2 is 52.   ○ True   ○ False

25c. The product of 0.08 and 0.3 is 2.4.   ○ True   ○ False

25d. The product of 0.88 and 1.3 is 1.144.   ○ True   ○ False