Lesson

of the

Extra Practice

Write the product using exponents.

Evaluate the expression.

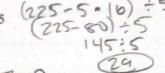
$$-3^2 = -3 \cdot 3 = -9$$
 Yes.

13. The five spheres in a set have different sizes. The smallest concrete sphere in the set has a volume of 5 cubic feet. The volume of each of the other spheres is 3 times the volume of the next smaller one. Write an expression involving a power that represents the volume of the largest sphere. What is the volume of the largest sphere?

Evaluate the expression.

14.
$$7 + (-2) \cdot 3^2$$

15.
$$(15^2 - 5 \cdot 4^2) \div 5$$



with the values of 2^{x-2} .

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х	2	3	4	5	6
2× - 2	2-2 (2)	23-276	24-244	25-2-80	26-2-62
2×-2	22-20 €	234 (4)	24-2=(4)	25-18	126-2 -14