

Name : _____ Date : _____

Exponents and Multiplication

Simplify. Your answer should contain only positive exponents.

1) $8 \cdot 8^2$
 8^3

2) $7r \cdot 9r^3$
 $63r^4$

3) $5^5 \cdot 5^4$
 5^9

4) $6z^6 \cdot 8z^5 \cdot 2z^3$
 $96z^{14}$

5) $8c^2 \cdot 9c^3y^5$
 $72c^5y^5$

6) $\left(\frac{1}{8}\right)^6 \cdot \left(\frac{1}{8}\right)^2$
 $\left(\frac{1}{8}\right)^8$

7) $7b^3 \cdot 5b^4$
 $35b^7$

8) $\left(\frac{4}{5}\right)^6 \cdot \left(\frac{4}{5}\right)^2 \cdot \left(\frac{4}{5}\right)^5$
 $\left(\frac{4}{5}\right)^{13}$

9) $c^5 \cdot c^6$
 c^{11}

10) $9c^6s^5 \cdot 7cs^4$
 $63c^7s^9$

11) $2n^3d^5 \cdot 6n^2d^4$
 $12n^5d^9$

12) $\left(\frac{3}{7}\right)^2 \cdot \left(\frac{3}{7}\right)^4$
 $\left(\frac{3}{7}\right)^6$

13) $6y \cdot 4y^4$
 $24y^5$

14) $k \cdot k^3$
 k^4

Exponent Practice 1 Answers Algebra 1

RC Schank



Exponent Practice 1 Answers Algebra 1:

Decoding **Exponent Practice 1 Answers Algebra 1**: Revealing the Captivating Potential of Verbal Expression

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