

Exponents – Multiplying Powers

Evaluate



Name _____

Score _____ Per _____

1. $(3x)(4x)$

2. $(-3x^2)(-5x^3y)$

3. $(-2x)(9x^4)$

4. $(12x^3)(-2x^2y)(y)$

5. $(2x^2)(2x^4)$

6. $x \cdot x^2 \cdot x^4$

Write the following as a single power, then evaluate.

7. $2^7 \cdot 2^3$

8. $4 \cdot 4^2$

9. $2 \cdot 2^6$

10. $5^6 \cdot 5^5$

11. $4^4 \cdot 4^3 \cdot 4^2$

12. $5^3 \cdot 5^6$

13. $2^5 \cdot 2^5$

14. $3^3 \cdot 3^0$

15. $6^0 \cdot 6^5$

16. $2 \cdot 2^2$

17. $\frac{8^0}{2} + \frac{3^0}{3}$

18. $2 \cdot 10 \cdot 5^0$