

Name : _____

Score : _____

Teacher : _____

Date : _____

Powers of Products

Simplify. Your answer should contain only positive exponents.

1) $(6w^6)^3$

8) $(4c^2 \cdot c^3)^2$

2) $(2h \cdot 3h^3)^2$

9) $(g \cdot 2g^2)^3$

3) $(4g \cdot 3g^3 \cdot g^2)^2$

10) $(4n^2 \cdot n)^3$

4) $(4hr^2)^2$

11) $(s \cdot 3s^3 \cdot s^3)^2$

5) $(4w^3 \cdot w^2 \cdot 3w)^2$

12) $(3d^2 \cdot 4d)^3$

6) $(4z^3 \cdot 3z \cdot z^2)^2$

13) $(2z^2 \cdot 3z^3 \cdot z)^2$

7) $(2d^2y)^2$

14) $(3y^2 \cdot y \cdot 4)^3$

