

Name _____



Power Steps

Directions: Rewrite each expression as repeated multiplication. Then simplify the expression.

1. $x^2 \cdot x^3$

Repeated multiplication:

Simplified:

2. $a^4 \div a^2$

Repeated multiplication:

Simplified:

3. $(m^2)(m^5)$

Repeated multiplication:

Simplified:

4. $b^6 \div b^3$

Repeated multiplication:

Simplified:

5. $y^3 \cdot y^2$

Repeated multiplication:

Simplified:

6. $c^5 \div c^4$

Repeated multiplication:

Simplified:

7. $(n^1)(n^4)$

Repeated multiplication:

Simplified:

8. $p^7 \div p^5$

Repeated multiplication:

Simplified: