

Name : _____

Simplifying Expressions: Exponents

ES2

Simplify each expression.

1) $\frac{12k^6}{6k^3}$

2) $(4a^3)(3a)$

3) $(3m^3)(2m^2)$

4) $8z^9$

5) $\frac{21}{14p^4}$

7) $\frac{18r^7}{9r^6}$

9) $(11y^2)(2y^6)$

10) $\frac{2s^7}{8s^2}$

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Name : _____

Answer key

Simplifying Expressions: Exponents

ES2

Simplify each expression.

1) $\frac{12k^6}{6k^3}$

$2k^3$

2) $(4a^3)(3a)$

$12a^4$

3) $(3m^3)(2m^2)$

$6m^5$

4) $8z^9$

5) $\frac{21}{14p^4}$

$\frac{3}{2p^4}$

7) $\frac{18r^7}{9r^6}$

$2r$

9) $(11y^2)(2y^6)$

$22y^8$

10) $\frac{2s^7}{8s^2}$

$\frac{1}{4}s^5$

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