

Name : _____

Simplifying Expressions: Exponents

ES1

Simplify each expression.

1) $(4x^7)(5x^5)$

2) $\frac{2s^7}{6s^2}$

3) $\frac{9p^7}{p^2}$

4) $8m^3$

5) $(3n^7)(5n)$

7) $\frac{10z^3}{2z^2}$

9) $(2d^7)(5d^4)$

10) $\frac{6t^2}{12t}$

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Name : _____

Answer key

Simplifying Expressions: Exponents

ES1

Simplify each expression.

1) $(4x^7)(5x^5)$

$20x^{12}$

2) $\frac{2s^7}{6s^2}$

$\frac{1}{3}s^5$

3) $\frac{9p^7}{p^2}$

$9p^5$

4) $8m^3$

5) $(3n^7)(5n)$

$15n^8$

7) $\frac{10z^3}{2z^2}$

$5z$

9) $(2d^7)(5d^4)$

$10d^{11}$

10) $\frac{6t^2}{12t}$

$\frac{1}{2}t$

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