Name: _____ Score:

Exponent Rules

Algebra: E1

Use laws of exponents and simplify. Write your answers in positive exponents.

1) $\frac{p^2}{p^6}$	2) $c^6 . c^5$	3) $(h^9)^{10}$
4) $(y^2)^9$		$\frac{10}{2}$
7) $(b^{10})^8$		$)^6$
10) $r^4 . r^3$		$\frac{}{0}$
13) $\frac{w^9}{w^3}$	14) $u^7 . u^6$	15) $\frac{z^7}{z^6}$

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Name: _____ Answer key Score:

Exponent Rules

Algebra: E1

1) $\frac{p^2}{p^6}$ $= \frac{1}{p^4}$	2) $c^6 . c^5$ $= c^{11}$	3) $(h^9)^{10}$ $= h^{90}$
4) $(y^2)^9$ $= y^{18}$		$\frac{10}{2}$ ^{8}
7) $(b^{10})^8$ $= b^{80}$		$^{4})^6$ ^{24}
10) $r^4 . r^3$ $= r^7$		$\frac{}{0}$ $\frac{1}{5}$
13) $\frac{w^9}{w^3}$ $= w^6$	14) $u^7 . u^6$ $= u^{13}$	15) $\frac{z^7}{z^6}$ $= z$

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