

Name : _____

Exponents

T2L1S1

Evaluate.

1) $\frac{b^{14}}{(c^2)^5} \cdot \left(\frac{c}{b}\right)^{10}$

2) $\frac{((-4r)^2)^4 \cdot (-16r)^3}{(-4r)^{11}}$

3) $(-15)^5 \cdot \left(\frac{1}{5}\right)^{-2} \div \left(\frac{1}{5}\right)^{-3}$

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5) $\frac{(-14)^8 \cdot (-2)^{-5}}{7^8}$

7) $6v^2 \cdot \left(\frac{9u}{v}\right)^7 \cdot \left(\frac{v}{3u}\right)^{-2} \div \left(\frac{9u}{v}\right)^9$

8) $((12m)^6)^2 \div \left(\frac{1}{3m}\right)^{-12} \cdot (8m)^{-7}$
