

Name : _____

Exponents

T1L1S2

Evaluate.

1) $\frac{((-9)^0)^3 \cdot (-18)^2}{(-9)^3}$

2) $2^5 \cdot \left(-\frac{7}{6}\right)^{11} \div \left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{6}{7}\right)^{11}$

3) $\frac{15^4 \cdot (-5)^{-2}}{(-3)^4 \cdot 5^{-2}}$

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5) $\frac{6^{-9}}{18^{-9}} \cdot \left(\frac{1}{3}\right)^8$

7) $\frac{(-20)^{17} \cdot (-2)^{-15}}{10^{17}}$

8) $5^{-15} \cdot \left(\frac{1}{5}\right)^{-12} \div (-15)^{-3} \cdot \left(-\frac{1}{2}\right)^{-3}$
