

Name : _____

Exponents

T1L1S1

Evaluate.

1) $\frac{(-2)^6 \cdot (-4)^{-7}}{((-2)^2)^{-5}}$

2) $\frac{18^{-18}}{6^{-18}} \cdot \left(\frac{1}{3}\right)^{-16}$

3) $(-10)^{-4} \cdot 3^{-3} \div \left(-\frac{3}{5}\right)^0$

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5) $\left(\frac{1}{2}\right)^{12} \cdot \frac{(-7)^{-11}}{14^{-11}}$

7) $\frac{(-12)^4}{(-6)^2 \cdot (-12)^2}$

8) $((-3)^0)^2 \cdot \left(\frac{9}{7}\right)^7 \div \left(-\frac{7}{3}\right)^{-2} \cdot \left(-\frac{9}{7}\right)^{-6}$

Exponents

Evaluate.

1) $\frac{(-2)^6 \cdot (-4)^{-7}}{((-2)^2)^{-5}}$

2) $\frac{18^{-18}}{6^{-18}} \cdot \left(\frac{1}{3}\right)^{-16}$

-4

 $\frac{1}{9}$

3) $(-10)^{-4} \cdot 3^{-3} \div \left(-\frac{3}{5}\right)^0$

 $\frac{1}{27}$

5) $\left(\frac{1}{2}\right)^{12} \cdot \frac{(-7)^{-11}}{14^{-11}}$

 $-\frac{1}{2}$

7) $\frac{(-12)^4}{(-6)^2 \cdot (-12)^2}$

4

8) $((-3)^0)^2 \cdot \left(\frac{9}{7}\right)^7 \div \left(-\frac{7}{3}\right)^{-2} \cdot \left(-\frac{9}{7}\right)^{-6}$

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