

Name : _____

Exponents

T1L1S3

Evaluate.

1) $(-14)^3 \cdot \left(\frac{1}{7}\right)^2 \div (-7)^{18} \cdot \left(-\frac{1}{7}\right)^{-18}$

2) $\frac{18^9}{18^7 \cdot (-3)^3}$

3) $\frac{8^{-2} \cdot 5^{-3}}{(-20)^{-4}}$

$-\frac{5}{4}^{-4} \cdot \left(\frac{1}{2}\right)^{11}$

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5) $\frac{(4^2)^0}{4^5 \cdot 16^{-3}}$

7) $6^7 \cdot \left(\frac{1}{6}\right)^9 \div \left(-\frac{1}{6}\right)^3 \cdot 2^{-3}$

8) $\frac{(-9)^{19} \cdot ((-12)^0)^6}{(-9)^{16}}$

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-56

-12

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20

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4

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-729