

Name : _____

T1S3

Expanded Form & Exponential Form

A) Express each of the following in expanded form.

1) $\left(\frac{4}{9}\right)^5 =$ _____

2) $\left(-\frac{7}{6}\right)^4 =$ _____

3) $10^6 =$ _____

4) $(-6)^8 =$ _____

5) $\left(\frac{5}{2}\right)^9 =$ _____

6) $8^7 =$ _____

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B) Express each of the following in expanded form.

1) $\left(-\frac{3}{7}\right) \cdot \left(-\frac{3}{7}\right)$ _____

2) $(-3) \cdot (-3) \cdot (-3)$ _____

3) $\frac{8}{3} \cdot \frac{8}{3} \cdot \frac{8}{3} \cdot \frac{8}{3}$ _____

4) $\left(-\frac{6}{5}\right) \cdot \left(-\frac{6}{5}\right) \cdot \left(-\frac{6}{5}\right)$ = _____

5) $(2.4) \cdot (2.4) \cdot (2.4) \cdot (2.4) \cdot (2.4) \cdot (2.4)$ = _____

6) $(-5) \cdot (-5) \cdot (-5) \cdot (-5)$ = _____