

Evaluate the Exponents

Name: _____

Date: _____

Rewrite in Exponent Form

1) $\frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6}$ = _____

2) $(-13) \times (-13) \times (-13) \times (-13)$ = _____

3) $\left(-\frac{23}{5}\right) \times \left(-\frac{23}{5}\right) \times \left(-\frac{23}{5}\right) \times \left(-\frac{23}{5}\right) \times \left(-\frac{23}{5}\right) \times \left(-\frac{23}{5}\right)$ = _____

4) $5.9 \times 5.9 \times 5.9 \times 5.9 \times 5.9 \times 5.9 \times 5.9 \times 5.9 \times 5.9$ = _____

5) $(-0.70) \times (-0.70) \times (-0.70) \times (-0.70) \times (-0.70)$ = _____

6) $9.46 \times 9.46 \times 9.46 \times 9.46 \times 9.46 \times 9.46 \times 9.46$ = _____

7) $35 \times 35 \times 35 \times 35 \times 35 \times 35 \times 35 \times 35$ = _____

8) $\left(-\frac{29}{6}\right) \times \left(-\frac{29}{6}\right) \times \left(-\frac{29}{6}\right) \times \left(-\frac{29}{6}\right) \times \left(-\frac{29}{6}\right) \times \left(-\frac{29}{6}\right)$ = _____

9) $(-8.42) \times (-8.42)$ = _____

10) $4.75 \times 4.75 \times 4.75 \times 4.75 \times 4.75 \times 4.75 \times 4.75 \times 4.75$ = _____

11) $24 \times 24 \times 24 \times 24 \times 24 \times 24 \times 24 \times 24 \times 24 \times 24$ = _____

12) $\frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37}$ = _____

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$$1) \quad \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} \times \frac{7}{6} = \frac{\left(\frac{7}{6}\right)^{12}}{\underline{\hspace{2cm}}}$$

$$2) \quad (-13) \times (-13) \times (-13) \times (-13) = \frac{(-13)^4}{\underline{\hspace{2cm}}}$$

$$3) \quad \left(-\frac{23}{5}\right) \times \left(-\frac{23}{5}\right) \times \left(-\frac{23}{5}\right) \times \left(-\frac{23}{5}\right) \times \left(-\frac{23}{5}\right) \times \left(-\frac{23}{5}\right) = \frac{\left(-\frac{23}{5}\right)^6}{\underline{\hspace{2cm}}}$$

$$4) \quad 5.9 \times 5.9 \times 5.9 \times 5.9 \times 5.9 \times 5.9 \times 5.9 \times 5.9 \times 5.9 = \frac{5.9^9}{\underline{\hspace{2cm}}}$$

$$5) \quad (-0.70) \times (-0.70) \times (-0.70) \times (-0.70) \times (-0.70) = \frac{(-0.70)^5}{\underline{\hspace{2cm}}}$$

$$6) \quad 9.46 \times 9.46 \times 9.46 \times 9.46 \times 9.46 \times 9.46 \times 9.46 = \frac{(9.46)^7}{\underline{\hspace{2cm}}}$$

$$7) \quad 35 \times 35 \times 35 \times 35 \times 35 \times 35 \times 35 \times 35 = \frac{35^8}{\underline{\hspace{2cm}}}$$

$$8) \quad \left(-\frac{29}{6}\right) \times \left(-\frac{29}{6}\right) \times \left(-\frac{29}{6}\right) \times \left(-\frac{29}{6}\right) \times \left(-\frac{29}{6}\right) \times \left(-\frac{29}{6}\right) = \frac{\left(-\frac{29}{6}\right)^6}{\underline{\hspace{2cm}}}$$

$$9) \quad (-8.42) \times (-8.42) = \frac{(-8.42)^2}{\underline{\hspace{2cm}}}$$

$$10) \quad 4.75 \times 4.75 \times 4.75 \times 4.75 \times 4.75 \times 4.75 \times 4.75 \times 4.75 = \frac{(4.75)^8}{\underline{\hspace{2cm}}}$$

$$11) \quad 24 \times 24 \times 24 \times 24 \times 24 \times 24 \times 24 \times 24 \times 24 \times 24 = \frac{24^{10}}{\underline{\hspace{2cm}}}$$

$$12) \quad \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} \times \frac{3}{37} = \frac{\left(\frac{3}{37}\right)^{11}}{\underline{\hspace{2cm}}}$$