

Evaluate the Exponents

Name: _____

Date: _____

Rewrite in Exponent Form

1) $24 \times 24 \times 24 \times 24 \times 24 \times 24 \times 24 \times 24 \times 24 \times 24$ = _____

2) $(-41) \times (-41) \times (-41) \times (-41) \times (-41) \times (-41)$ = _____

3) $\left(-\frac{29}{10}\right) \times \left(-\frac{29}{10}\right) \times \left(-\frac{29}{10}\right) \times \left(-\frac{29}{10}\right) \times \left(-\frac{29}{10}\right)$ = _____

4) $\frac{61}{15} \times \frac{61}{15} \times \frac{61}{15} \times \frac{61}{15} \times \frac{61}{15} \times \frac{61}{15} \times \frac{61}{15} \times \frac{61}{15}$ = _____

5) $8.26 \times 8.26 \times 8.26 \times 8.26 \times 8.26 \times 8.26$ = _____

6) $(-0.87) \times (-0.87) \times (-0.87) \times (-0.87) \times (-0.87)$ = _____

7) $63 \times 63 \times 63 \times 63 \times 63 \times 63 \times 63 \times 63 \times 63 \times 63$ = _____

8) $\left(-\frac{39}{5}\right) \times \left(-\frac{39}{5}\right) \times \left(-\frac{39}{5}\right) \times \left(-\frac{39}{5}\right) \times \left(-\frac{39}{5}\right)$ = _____

9) $\frac{78}{9} \times \frac{78}{9} \times \frac{78}{9} \times \frac{78}{9} \times \frac{78}{9} \times \frac{78}{9} \times \frac{78}{9} \times \frac{78}{9} \times \frac{78}{9} \times \frac{78}{9}$ = _____

10) $(-7.8) \times (-7.8) \times (-7.8) \times (-7.8) \times (-7.8) \times (-7.8)$ = _____

11) $24.6 \times 24.6 \times 24.6 \times 24.6 \times 24.6 \times 24.6 \times 24.6$ = _____

12) $(-35) \times (-35) \times (-35) \times (-35) \times (-35) \times (-35)$ = _____

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Rewrite in Exponent Form

$$1) \quad 24 \times 24 \times 24 \times 24 \times 24 \times 24 \times 24 \times 24 \times 24 \times 24 = \underline{24^{10}}$$

$$2) \quad (-41) \times (-41) \times (-41) \times (-41) \times (-41) \times (-41) = \underline{(-41)^6}$$

$$3) \quad \left(-\frac{29}{10}\right) \times \left(-\frac{29}{10}\right) \times \left(-\frac{29}{10}\right) \times \left(-\frac{29}{10}\right) \times \left(-\frac{29}{10}\right) = \underline{\left(-\frac{29}{10}\right)^5}$$

$$4) \quad \frac{61}{15} \times \frac{61}{15} \times \frac{61}{15} \times \frac{61}{15} \times \frac{61}{15} \times \frac{61}{15} \times \frac{61}{15} \times \frac{61}{15} = \underline{\left(\frac{61}{15}\right)^8}$$

$$5) \quad 8.26 \times 8.26 \times 8.26 \times 8.26 \times 8.26 \times 8.26 = \underline{(8.26)^6}$$

$$6) \quad (-0.87) \times (-0.87) \times (-0.87) \times (-0.87) \times (-0.87) = \underline{(-0.87)^5}$$

$$7) \quad 63 \times 63 \times 63 \times 63 \times 63 \times 63 \times 63 \times 63 \times 63 \times 63 = \underline{63^{10}}$$

$$8) \quad \left(-\frac{39}{5}\right) \times \left(-\frac{39}{5}\right) \times \left(-\frac{39}{5}\right) \times \left(-\frac{39}{5}\right) \times \left(-\frac{39}{5}\right) = \underline{\left(-\frac{39}{5}\right)^5}$$

$$9) \quad \frac{78}{9} \times \frac{78}{9} \times \frac{78}{9} \times \frac{78}{9} \times \frac{78}{9} \times \frac{78}{9} \times \frac{78}{9} \times \frac{78}{9} \times \frac{78}{9} \times \frac{78}{9} = \underline{\left(\frac{78}{9}\right)^{10}}$$

$$10) \quad (-7.8) \times (-7.8) \times (-7.8) \times (-7.8) \times (-7.8) \times (-7.8) = \underline{(-7.8)^6}$$

$$11) \quad 24.6 \times 24.6 \times 24.6 \times 24.6 \times 24.6 \times 24.6 \times 24.6 = \underline{(24.6)^7}$$

$$12) \quad (-35) \times (-35) \times (-35) \times (-35) \times (-35) \times (-35) = \underline{(-35)^6}$$