

Evaluate the Exponents

Name: _____

Date: _____

Rewrite in Exponent Form

1) $(-3.2) \times (-3.2) \times (-3.2) \times (-3.2) \times (-3.2) \times (-3.2)$ = _____

2) $\left(\frac{7}{5}\right) \times \left(\frac{7}{5}\right) \times \left(\frac{7}{5}\right) \times \left(\frac{7}{5}\right) \times \left(\frac{7}{5}\right) \times \left(\frac{7}{5}\right) \times \left(\frac{7}{5}\right) \times \left(\frac{7}{5}\right) \times \left(\frac{7}{5}\right)$ = _____

3) $\left(-\frac{4}{3}\right) \times \left(-\frac{4}{3}\right) \times \left(-\frac{4}{3}\right) \times \left(-\frac{4}{3}\right) \times \left(-\frac{4}{3}\right)$ = _____

4) $(-0.16) \times (-0.16) \times (-0.16) \times (-0.16)$ = _____

5) $4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4$ = _____

6) $(-0.27) \times (-0.27) \times (-0.27) \times (-0.27) \times (-0.27)$ = _____

7) $\frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2}$ = _____

8) $8 \times 8 \times 8 \times 8 \times 8 \times 8 \times 8$ = _____

9) $\frac{11}{13} \times \frac{11}{13} \times \frac{11}{13} \times \frac{11}{13}$ = _____

10) $6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6$ = _____

11) $2.02 \times 2.02 \times 2.02 \times 2.02 \times 2.02 \times 2.02$ = _____

12) $\left(-\frac{17}{4}\right) \times \left(-\frac{17}{4}\right) \times \left(-\frac{17}{4}\right)$ = _____

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$$1) \quad (-3.2) \times (-3.2) \times (-3.2) \times (-3.2) \times (-3.2) \times (-3.2) = \underline{(-3.2)^6}$$

$$2) \quad \left(\frac{7}{5}\right) \times \left(\frac{7}{5}\right) \times \left(\frac{7}{5}\right) \times \left(\frac{7}{5}\right) \times \left(\frac{7}{5}\right) \times \left(\frac{7}{5}\right) \times \left(\frac{7}{5}\right) \times \left(\frac{7}{5}\right) \times \left(\frac{7}{5}\right) = \underline{\left(\frac{7}{5}\right)^9}$$

$$3) \quad \left(-\frac{4}{3}\right) \times \left(-\frac{4}{3}\right) \times \left(-\frac{4}{3}\right) \times \left(-\frac{4}{3}\right) \times \left(-\frac{4}{3}\right) = \underline{\left(-\frac{4}{3}\right)^5}$$

$$4) \quad (-0.16) \times (-0.16) \times (-0.16) \times (-0.16) = \underline{(-0.16)^4}$$

$$5) \quad 4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4 = \underline{4^8}$$

$$6) \quad (-0.27) \times (-0.27) \times (-0.27) \times (-0.27) \times (-0.27) = \underline{(-0.27)^5}$$

$$7) \quad \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} \times \frac{9}{2} = \underline{\left(\frac{9}{2}\right)^{12}}$$

$$8) \quad 8 \times 8 \times 8 \times 8 \times 8 \times 8 \times 8 = \underline{8^7}$$

$$9) \quad \frac{11}{13} \times \frac{11}{13} \times \frac{11}{13} \times \frac{11}{13} = \underline{\left(\frac{11}{13}\right)^4}$$

$$10) \quad 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 = \underline{6^{13}}$$

$$11) \quad 2.02 \times 2.02 \times 2.02 \times 2.02 \times 2.02 \times 2.02 = \underline{2.02^6}$$

$$12) \quad \left(-\frac{17}{4}\right) \times \left(-\frac{17}{4}\right) \times \left(-\frac{17}{4}\right) = \underline{\left(-\frac{17}{4}\right)^3}$$