

Evaluate the Exponents

Name: _____

Date: _____

Rewrite in Exponent Form

1) $(-7.27) \times (-7.27) \times (-7.27) \times (-7.27) \times (-7.27) =$ _____

2) $\frac{31}{11} \times \frac{31}{11} \times \frac{31}{11} \times \frac{31}{11} \times \frac{31}{11} \times \frac{31}{11} \times \frac{31}{11} \times \frac{31}{11} \times \frac{31}{11} \times \frac{31}{11} \times \frac{31}{11} =$ _____

3) $(-3.45) \times (-3.45) \times (-3.45) \times (-3.45) \times (-3.45) =$ _____

4) $\left(-\frac{29}{41}\right) \times \left(-\frac{29}{41}\right) \times \left(-\frac{29}{41}\right) \times \left(-\frac{29}{41}\right) \times \left(-\frac{29}{41}\right) \times \left(-\frac{29}{41}\right) =$ _____

5) $(-0.056) \times (-0.056) \times (-0.056) \times (-0.056) =$ _____

6) $(-27) \times (-27) \times (-27) =$ _____

7) $7.5 \times 7.5 \times 7.5 \times 7.5 \times 7.5 \times 7.5 \times 7.5 \times 7.5 \times 7.5 \times 7.5 =$ _____

8) $\frac{39}{5} \times \frac{39}{5} \times \frac{39}{5} \times \frac{39}{5} \times \frac{39}{5} \times \frac{39}{5} \times \frac{39}{5} \times \frac{39}{5} =$ _____

9) $16 \times 16 \times 16 \times 16 \times 16 \times 16 \times 16 =$ _____

10) $6.48 \times 6.48 \times 6.48 \times 6.48 \times 6.48 \times 6.48 \times 6.48 \times 6.48 =$ _____

11) $\left(\frac{15}{4}\right) \times \left(\frac{15}{4}\right) \times \left(\frac{15}{4}\right) \times \left(\frac{15}{4}\right) \times \left(\frac{15}{4}\right) \times \left(\frac{15}{4}\right) =$ _____

12) $17 \times 17 \times 17 \times 17 \times 17 \times 17 \times 17 \times 17 \times 17 \times 17 \times 17 =$ _____

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$$1) \quad (-7.27) \times (-7.27) \times (-7.27) \times (-7.27) \times (-7.27) = \underline{\quad (-7.27)^5 \quad}$$

$$2) \quad \frac{31}{11} \times \frac{31}{11} \times \frac{31}{11} \times \frac{31}{11} \times \frac{31}{11} \times \frac{31}{11} \times \frac{31}{11} \times \frac{31}{11} \times \frac{31}{11} \times \frac{31}{11} = \underline{\quad \left(\frac{31}{11}\right)^{10} \quad}$$

$$3) \quad (-3.45) \times (-3.45) \times (-3.45) \times (-3.45) \times (-3.45) = \underline{\quad (-3.45)^5 \quad}$$

$$4) \quad \left(-\frac{29}{41}\right) \times \left(-\frac{29}{41}\right) \times \left(-\frac{29}{41}\right) \times \left(-\frac{29}{41}\right) \times \left(-\frac{29}{41}\right) \times \left(-\frac{29}{41}\right) = \underline{\quad \left(-\frac{29}{41}\right)^6 \quad}$$

$$5) \quad (-0.056) \times (-0.056) \times (-0.056) \times (-0.056) = \underline{\quad (-0.056)^4 \quad}$$

$$6) \quad (-27) \times (-27) \times (-27) = \underline{\quad (-27)^3 \quad}$$

$$7) \quad 7.5 \times 7.5 \times 7.5 \times 7.5 \times 7.5 \times 7.5 \times 7.5 \times 7.5 \times 7.5 \times 7.5 = \underline{\quad 7.5^{10} \quad}$$

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

$$9) \quad 16 \times 16 \times 16 \times 16 \times 16 \times 16 \times 16 = \underline{\quad 16^7 \quad}$$

$$10) \quad 6.48 \times 6.48 \times 6.48 \times 6.48 \times 6.48 \times 6.48 \times 6.48 \times 6.48 = \underline{\quad 6.48^8 \quad}$$

$$11) \quad \left(\frac{15}{4}\right) \times \left(\frac{15}{4}\right) \times \left(\frac{15}{4}\right) \times \left(\frac{15}{4}\right) \times \left(\frac{15}{4}\right) \times \left(\frac{15}{4}\right) = \underline{\quad \left(\frac{15}{4}\right)^6 \quad}$$

$$12) \quad 17 \times 17 \times 17 \times 17 \times 17 \times 17 \times 17 \times 17 \times 17 \times 17 \times 17 = \underline{\quad 17^{11} \quad}$$