

## Evaluate the Exponents

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Rewrite in Exponent Form

1)  $\left(\frac{36}{7}\right) \times \left(\frac{36}{7}\right) \times \left(\frac{36}{7}\right) \times \left(\frac{36}{7}\right) \times \left(\frac{36}{7}\right) \times \left(\frac{36}{7}\right) =$  \_\_\_\_\_

2)  $5.7 \times 5.7 \times 5.7 \times 5.7 \times 5.7 \times 5.7 \times 5.7 \times 5.7 \times 5.7 =$  \_\_\_\_\_

3)  $17 \times 17 \times 17 \times 17 \times 17 \times 17 \times 17 \times 17 \times 17 \times 17 =$  \_\_\_\_\_

4)  $(-6.9) \times (-6.9) \times (-6.9) \times (-6.9) \times (-6.9) =$  \_\_\_\_\_

5)  $(-0.47) \times (-0.47) \times (-0.47) \times (-0.47) \times (-0.47) =$  \_\_\_\_\_

6)  $\frac{77}{9} \times \frac{77}{9} \times \frac{77}{9} \times \frac{77}{9} \times \frac{77}{9} \times \frac{77}{9} \times \frac{77}{9} \times \frac{77}{9} \times \frac{77}{9} \times \frac{77}{9} =$  \_\_\_\_\_

7)  $19 \times 19 \times 19 \times 19 \times 19 \times 19 \times 19 \times 19 \times 19 \times 19 \times 19 =$  \_\_\_\_\_

8)  $\left(-\frac{17}{23}\right) \times \left(-\frac{17}{23}\right) \times \left(-\frac{17}{23}\right) \times \left(-\frac{17}{23}\right) \times \left(-\frac{17}{23}\right) =$  \_\_\_\_\_

9)  $\frac{11}{19} \times \frac{11}{19} \times \frac{11}{19} \times \frac{11}{19} \times \frac{11}{19} \times \frac{11}{19} \times \frac{11}{19} \times \frac{11}{19} \times \frac{11}{19} =$  \_\_\_\_\_

10)  $(-47) \times (-47) \times (-47) \times (-47) \times (-47) \times (-47) =$  \_\_\_\_\_

11)  $19.6 \times 19.6 \times 19.6 \times 19.6 \times 19.6 \times 19.6 \times 19.6 =$  \_\_\_\_\_

12)  $(-0.87) \times (-0.87) \times (-0.87) \times (-0.87) \times (-0.87) =$  \_\_\_\_\_

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$$1) \left(\frac{36}{7}\right) \times \left(\frac{36}{7}\right) \times \left(\frac{36}{7}\right) \times \left(\frac{36}{7}\right) \times \left(\frac{36}{7}\right) \times \left(\frac{36}{7}\right) = \frac{\left(\frac{36}{7}\right)^6}{}$$

$$2) 5.7 \times 5.7 \times 5.7 \times 5.7 \times 5.7 \times 5.7 \times 5.7 \times 5.7 \times 5.7 = \frac{(5.7)^9}{}$$

$$3) 17 \times 17 \times 17 \times 17 \times 17 \times 17 \times 17 \times 17 \times 17 \times 17 = \frac{17^{10}}{}$$

$$4) (-6.9) \times (-6.9) \times (-6.9) \times (-6.9) \times (-6.9) = \frac{(-6.9)^5}{}$$

$$5) (-0.47) \times (-0.47) \times (-0.47) \times (-0.47) \times (-0.47) = \frac{(-0.47)^5}{}$$

$$6) \frac{77}{9} \times \frac{77}{9} \times \frac{77}{9} \times \frac{77}{9} \times \frac{77}{9} \times \frac{77}{9} \times \frac{77}{9} \times \frac{77}{9} \times \frac{77}{9} \times \frac{77}{9} = \frac{\left(\frac{77}{9}\right)^{10}}{}$$

$$7) 19 \times 19 \times 19 \times 19 \times 19 \times 19 \times 19 \times 19 \times 19 \times 19 \times 19 = \frac{19^{11}}{}$$

$$8) \left(-\frac{17}{23}\right) \times \left(-\frac{17}{23}\right) \times \left(-\frac{17}{23}\right) \times \left(-\frac{17}{23}\right) \times \left(-\frac{17}{23}\right) = \frac{\left(-\frac{17}{23}\right)^5}{}$$

$$9) \frac{11}{19} \times \frac{11}{19} \times \frac{11}{19} \times \frac{11}{19} \times \frac{11}{19} \times \frac{11}{19} \times \frac{11}{19} \times \frac{11}{19} \times \frac{11}{19} = \frac{\left(\frac{11}{19}\right)^9}{}$$

$$10) (-47) \times (-47) \times (-47) \times (-47) \times (-47) \times (-47) = \frac{(-47)^6}{}$$

$$11) 19.6 \times 19.6 \times 19.6 \times 19.6 \times 19.6 \times 19.6 \times 19.6 = \frac{(19.6)^7}{}$$

$$12) (-0.87) \times (-0.87) \times (-0.87) \times (-0.87) \times (-0.87) = \frac{(-0.87)^5}{}$$