
Worksheet 11-3
Dividing Variables with Exponents

Unit 11

Divide the expressions and simplify.

1. $\frac{2^5}{2^3} = \text{-----}$ (expanded form)
= (actual value)

3. $\frac{6a^4}{2a^2} = \text{-----}$ (expanded form)
= (actual value)

2. $\frac{x^4}{x^2} = \text{-----}$ (expanded form)
= (actual value)

4. $\frac{4a^2b}{2ab^2} = \text{-----}$ (expanded form)
= (actual value)

5. $\frac{a^3}{a^7}$

7. $\frac{9^2}{9^0}$

9. $\frac{6a^5}{15a^3}$

6. $\frac{3^5}{3^3}$

8. $\frac{xy}{5x}$

10. $\frac{10b^4}{5b^3}$