Name _____ Date _____

Dividing Monomials

$$\frac{18x^6y}{-3x^3y^5} = \frac{18}{-3} \cdot \frac{x^{6-3}}{1} \cdot \frac{1}{y^{5-1}} = \frac{-6x^3}{y^4}$$

1. $\frac{m^{10}}{m^5} =$

2. $\frac{x^3y^2}{2x^2y^2} =$

3. $\frac{4ab^3}{2a^2b^2} =$

4. $\frac{27u^2v^3}{-18u^4v^5} =$

5. $\frac{13c^9d^{10}}{-26c^9d} =$

6. $\frac{3s^5t^7}{-3s^5t^7} =$

7. $\frac{-52x^3y^2z}{13xy^2} =$

8. $\frac{8xy^2}{16x^3y^5} =$

9. $\frac{5x^4}{5} =$

10. $\frac{18x^2y}{24xy} =$

11. $\frac{56s^2t^3}{4s^2t} =$

12. $\frac{48a^3bc^5}{12a^5b^3c^2} =$

13. $\frac{25x^2y}{-15xy^2} =$

14. $\frac{8m^2n^2}{12m^2n^3} =$

15. $\frac{-17c^5d^4}{-51cd^3} =$

16. $\frac{24x^2y^3z^4}{-44x^4y^3z^2} =$