

### Dividing Monomials – Homework - Key

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Simplify the expression in each problem.

1. $\frac{x^2}{2}$	2. $\frac{3}{4x^3}$
3. $\frac{3}{5y^6}$	4. $\frac{2z^3}{5x^5y}$
5. $\frac{8x^{15}}{27y^3}$	6. $\frac{16a^4b^{12}}{c^4}$
7. 1	8. -1
9. $\frac{7}{x^4}$	10. $x^3y^2$
11. $\frac{y^{12}}{81x^8}$	12. $8x^3$
13. $\frac{x^4z^3}{2y^2}$	14. $\frac{x^{12}}{3y^8z^4}$