

Math Plus U5D3 Homework

Simplify each of the following. Your answer should contain positive exponents only!		
1. x^{-5}	2. $3m^{-2}$	3. $-7a^{-4}b^3$
4. $6x^8 \cdot -3x^{-7}$	5. $(3x^3)^{-2}$	6. $(5y^2)^{-2}$
7. $(-8x^5y^{-4})^{-2}$	8. $(a^{-5}b^8c^{-12})(a^7b^{-3}c^7)$	9. $(x^2y^3)^{-2} \cdot (x^5y^4)^{-3}$
10. $(4x^3y^6)^{-2} + (2x^2y^4)^{-3}$	11. $\frac{h^4}{h^6}$	12. $\frac{k^{-2}}{k^7}$
13. $\frac{14w^4}{7w^{-2}}$	14. $\frac{-24x^5}{3x^{-2}}$	15. $\frac{b^2c}{b^2c^5}$
16. $\frac{x^4y^{-3}}{x^2y^2}$	17. $\frac{32a^5b^{-3}}{8a^{-2}b^6}$	18. $\frac{36x^{-4}y^8}{12y^7}$