

Simplify these expressions.

(a) $2a^3 \times 5a^5$

(b) $7x \times 9x^8$

(e) $3y \times (2y^2)^3$

(f) $(4q^3)^2 \times 5q^4$

(i) $k^2(k^3 + k^5)$

(j) $m^5(m^2 - m^3)$

(m) $\frac{x^5 \times x^4}{x^6}$

(n) $\frac{(m^5)^4}{m^6}$

(q) $\frac{(3xy^5)^3}{9x^2y}$

(r) $\frac{(2a^2b^5)^6}{(4ab)^2}$

(c) $12p^7 \div 4p^4$

(d) $50b^{12} \div 10b^6$

(g) $(4c^3)^3 \div 8c^2$

(h) $72z^{12} \div (3z^4)^2$

(k) $2x^4(x^3 + 3x^2)$

(l) $5a^5(2a^2 - 3a^3)$

(o) $\frac{5c^3 \times 4c^7}{2c^6}$

(p) $\frac{(3q^3)^2 \times 4q^4}{6q^7}$

(s) $\frac{(4p^4)^3}{2p^3 \times 8p^6}$

(t) $\frac{(2ab^3)^5}{3a^2b \times 4ab^2}$

Answer space for part (l)