Dividing Polynomials

Divide the polynomials.

1) $(8x^6y^7z^4 + 12x^4y^5z^3) \div 2x^2yz^3$

2) $10u^2v^3w^5 \div 5uvw^3$

3) $(9k^6 - 3k^4 - 6k^7) \div 3k^2$

4) $(21p^4q^8 - 14pq^6) \div 7pq^4$

5) $(7m^6n^3 + 2m^2n^7 - m^5n^6 - 4m^3n^9) \div m^2n^3$

6) $(-9g^3h^8 + g^2h^5 - 3g^7h^9) \div 6g^2h^2$

7) $18a^5b^6c^2d^8 \div 6a^2bcd^4$

8) $(12t^8 - 8t^4 + 4t^7 - 20t^5) \div 4t^3$

Divide the polynomials.

1) $(8x^6y^7z^4 + 12x^4y^5z^3) \div 2x^2yz^3$

$4x^4y^6z + 6x^2y^4$

2) $10u^2v^3w^5 \div 5uvw^3$

$2uv^2w^2$

3) $(9k^6 - 3k^4 - 6k^7) \div 3k^2$

$3k^4 - k^2 - 2k^5$

4) $(21p^4q^8 - 14pq^6) \div 7pq^4$

$3p^3q^4 - 2q^2$

5) $(7m^6n^3 + 2m^2n^7 - m^5n^6 - 4m^3n^9) \div m^2n^3$

$7m^4 + 2n^4 - m^3n^3 - 4mn^6$

6) $(-9g^3h^8 + g^2h^5 - 3g^7h^9) \div 6g^2h^2$

$-\dfrac{3}{2}gh^6 + \dfrac{1}{6}h^3 - \dfrac{1}{2}g^5h^7$

7) $18a^5b^6c^2d^8 \div 6a^2bcd^4$

$3a^3b^5cd^4$

8) $(12t^8 - 8t^4 + 4t^7 - 20t^5) \div 4t^3$

$3t^5 - 2t + t^4 - 5t^2$