

Factorizing Using The Distributive Law Part 8

Factorize the following algebraic expressions

1) $5a^2 b^3 + 10a^3 b^2 - 20a^4 b$

2) $3e^2 f^4 + 18e^5 f^5 + 36ef$

3) $8h^4 i + 24h^3 i^2 + 56h^2 i^5$

4) $-4L^2 m + 16L^3 m + 32L^4 m^3$

5) $-6p^5 q + 12p^2 q^3 + 18p^3 q^4$

6) $-7c^4 d^3 - 21c^5 d^4 + 42c^8 d^6$

7) $-2d^3 e - 8d^4 e + 12d^5 e^2$

8) $-9k^3 m^2 - 18k^4 m^3 - 36k^5 m^4$

9) $-3p^5 q - 9p^4 q^3 - 30p^6 q^2$

10) $-4s^6 L^2 - 16s^8 L^3 - 36s^7 L^4$