Polynomials - two variables - decimals

Simplify each difference.

1) $(1.878v^4 - 6.6u^3v) - (4.1u^3v + 5.9v^4)$

2) $(7.1y + 7.7xy^3) - (4xy^3 - 4.7y)$

3) $(3.9y^4 - 3.259xy^2) - (7.8xy^2 + 6.5y^3)$

4) $(5.9ab^2 - 7.1ab^4) - (6.2ab^4 - 2.1ab^2)$

5) $(0.2x^4 - 5.8x^3y^2) - (4.1x^4 - 7.1x^3y^2)$

6) $(7.1 - 4.5y^2) - (6.3 - 4.4y^2)$

7) $\left(1.4x^2y^3 - 3.1y\right) - \left(4.1y + 6.7x^2y^3\right)$

8) $\left(0.2y^3 - 1.8\right) - \left(6.4 - 6.8y^3\right)$

9) $\left(2.7u^4v - 0.5u^2v^2\right) - \left(4.2u^4v + 4.3u^2v^2\right)$

10) $\left(1.4x^4 + 0.8x^4y^4\right) - \left(6.4x^4 + 6.9x^4y^4\right)$

11) $\left(3.9a^4b + 2.1ab^3\right) - \left(4.2a^4b + 7.927ab^3\right)$

12) $\left(2.6x^2y^3 + 3.4x^2y\right) - \left(6.5x^2y + 4.5x^2y^3\right)$

13) $\left(5.1m^4n^3 + 4.511m^3n^2\right) - \left(3.7m^4n^3 + 0.16m^3n^2\right)$

14) $\left(3.9x^3y + 6xy^4\right) - \left(7.11x^3y - 0.9xy^4\right)$

15) $\left(6.3x^3y^2 + 4.6x^2y^4\right) - \left(2.6x^3y^2 - 0.2x^2y^4\right)$

16) $\left(5.1xy^3 - 7.5x^2y^3\right) - \left(1.941xy^3 + 0.5x^2y^3\right)$

17) $\left(7.5x^3 - 6.2x^2y^2\right) - \left(4.4x^3 + 2.4x^2y^2\right)$

18) $\left(6.3a^2b^4 - 4.8b^4\right) - \left(6.7b^4 - 0.955a^2b^4\right)$

19) $\left(4.53x^3y^3 - 7.625xy^4\right) - \left(2.75xy^4 - 3.9x^3y^3\right)$

20) $\left(1.9 - 0.9xy^3\right) - \left(2.26 - 3.6xy^3\right)$

21) $\left(0.6m^2 - 7.09m^2n^4\right) - \left(8m^2 + 5.6m^2n^4\right)$

22) $\left(7.5a^3b - 2.2ab^4\right) - \left(6.7a^3b - 5ab^4\right)$

23) $\left(3.1x^2y^4 + 1.7x^3y\right) - \left(4.6x^3y - 4.8x^2y^4\right)$

24) $\left(1.8 - 6.21m^2n\right) - \left(7.808 + 6m^2n\right)$

25) $\left(5.15u^4 + 0.6uv^2\right) - \left(2.6u^4 - 2.1uv^4\right)$

26) $\left(0.6y^2 - 0.2x^4y^4\right) - \left(0.9y^2 + 1.5x\right)$

27) $\left(5u^2v^2 + 3.8uv^2\right) - \left(4.7u^4v + 3.3u^2v^2\right)$

28) $\left(1.3x^4y + 0.1x^4y^4\right) - \left(4.1x^4y - 3.3x^4y^4\right)$

29) $\left(5.7ab^3 - 4.81b^2\right) - \left(5.9a^2b^2 - 0.7ab^3\right)$

30) $\left(7.1x^4y^2 - 0.8y\right) - \left(4.8x^2y^2 - 4x^4y^2\right)$

Answers to Polynomials - two variables - decimals

1) $-4.022v^4 - 10.7u^3v$ 2) $3.7xy^3 + 11.8y$ 3) $3.9y^4 - 11.059xy^2 - 6.5y^3$

4) $-13.3ab^4 + 8ab^2$ 5) $1.3x^3y^2 - 3.9x^4$ 6) $-0.1y^2 + 0.8$ 7) $-5.3x^2y^3 - 7.2y$

8) $7y^3 - 8.2$ 9) $-1.5u^4v - 4.8u^2v^2$ 10) $-6.1x^4y^4 - 5x^4$

11) $-0.3a^4b - 5.827ab^3$ 12) $-1.9x^2y^3 - 3.1x^2y$ 13) $1.4m^4n^3 + 4.351m^3n^2$

14) $6.9xy^4 - 3.21x^3y$ 15) $4.8x^2y^4 + 3.7x^3y^2$ 16) $-8x^2y^3 + 3.159xy^3$

17) $-8.6x^2y^2 + 3.1x^3$ 18) $7.255a^2b^4 - 11.5b^4$ 19) $8.43x^3y^3 - 10.375xy^4$

20) $2.7xy^3 - 0.36$ 21) $-12.69m^2n^4 - 7.4m^2$ 22) $2.8ab^4 + 0.8a^3b$

23) $7.9x^2y^4 - 2.9x^3y$ 24) $-12.21m^2n - 6.008$ 25) $2.1uv^4 + 2.55u^4 + 0.6uv^2$

26) $-0.2x^4y^4 - 0.3y^2 - 1.5x$ 27) $-4.7u^4v + 1.7u^2v^2 + 3.8uv^2$

28) $3.4x^4y^4 - 2.8x^4y$ 29) $6.4ab^3 - 5.9a^2b^2 - 4.81b^2$ 30) $11.1x^4y^2 - 4.8x^2y^2 - 0.8y$