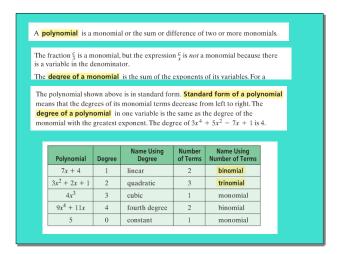
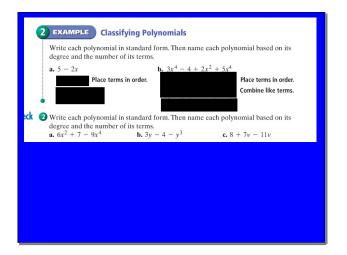


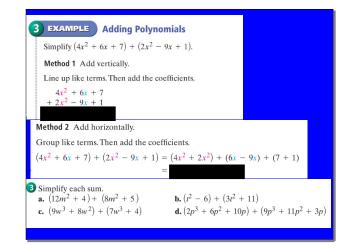
Feb 25-9:35 AM



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4 EXAMPLE Subtracting Polynomials Simplify (2x^3 + 5x^2 - 3x) - (x^3 - 8x^2 + 11).

Method 1 Subtract vertically.

Line up like terms.

Then add the opposite of each term in the polynomial being subtracted.

Write the opposite of each term in the polynomial being subtracted.

Group like terms. Simplify.

3 Simplify each difference.

a. (v^3 + 6v^2 - v) - (9v^3 - 7v^2 + 3v)
c. (4x^2 + 5x + 1) - (6x^2 + x + 8)

b. (30d^3 - 29d^2 - 3d) - (2d^3 + d^2)
```

Feb 25-11:47 AM