

# Thursday, March 24, 2017

Learning Target #34: I can add and subtract polynomials.

---

## Do Now

Combine like terms

1.  $1 + 2r + 9r$

2.  $6x + 4 + x - 5$

3.  $-2v - 6v$

4.  $-6k + 10k$

## Agenda

- Do Now/Go Over Homework
- Notes – Adding and Subtracting Polynomials – IAN p. 58
- Class Work – IAN pp. 59 and 60
- Exit Ticket
- Homework at [MsHurleyMath.com](http://MsHurleyMath.com)

Lame Joke of the Day: What did the mother buffalo say when her calf went off to college?

# Thursday, March 2<sup>4</sup>, 2017

Learning Target #34: I can add and subtract polynomials.

---

## Notes – IAN Page 58

Adding Polynomials – Example Problem

$$(1 - 3x^3) + (4 - x^3)$$

Drop the parentheses and combine like terms

$$1 - 3x^3 + 4 - x^3$$

$$-4x^3 + 5$$

# Thursday, March 2<sup>4</sup>, 2017

Learning Target #34: I can add and subtract polynomials.

---

## Notes – IAN Page 58

Adding Polynomials – **NOW YOU TRY**

$$(4x^3 - 9 - 8x) + (11 + 9x^3 - 13x)$$

Drop the parentheses and combine like terms

$$13x^3 - 21x + 2$$

# Thursday, March 24, 2017

Learning Target #34: I can add and subtract polynomials.

---

## Notes – IAN Page 58

Subtracting Polynomials – Example Problem

$$(4n^3 + 4n^2) - (3n^2 - 2n^3)$$

Subtract **EACH** term after the minus sign (in parentheses)

$$4n^3 + 4n^2 - 3n^2 - - 2n^3$$

$$4n^3 + 4n^2 - 3n^2 + 2n^3$$

$$6n^3 + n^2$$

# Thursday, March 24, 2017

Learning Target #34: I can add and subtract polynomials.

---

## Class Work – IAN Pages 59 and 60

Simplify each expression

1.  $(5x + 5x^2) + (5x^2 - 2x)$

2.  $(4k^2 + 3k^3) + (5k^3 - k^2)$

3.  $(4 - 4p^5 + p) - (2p^5 - 2 + 11p)$

4.  $(4 - 10n^2 + 7n^4) + (12n^4 + 1 + 9n)$

5.  $(-4m^2 + 13m^4 - m) - (-13m^2 - 12m^4 + 2m)$

Thursday, March 24, 2017  
Learning Target #34: I can add and subtract polynomials.

$(5m - m^2) - (3m^3 + 5m)$  EXIT TICKET: Find the difference.

Respond at [PollEv.com/mshurley](https://www.pollEv.com/mshurley) Text MSHURLEY to 37607 once to join, then A, B, C, or D

A)  $m^3 - m^2 - 3m$

A

B)  $-3m^3 - m^2$

B

C)  $m^3 - m^2 + 2m$

C

D)  $m^3 - m^2$

D

0

Total Results: 0

# Thursday, March 24, 2017

Learning Target #34: I can add and subtract polynomials.

---

## Do Now

Combine like terms

1.  $1 + 2r + 9r$

2.  $6x + 4 + x - 5$

3.  $-2v - 6v$

4.  $-6k + 10k$

## Hour 3 Agenda

- Do Now
- Notes – Adding and Subtracting Polynomials – IAN p. 61
- Class Work – IAN p. 62-63
- Exit Ticket
- Homework at [MsHurleyMath.com](http://MsHurleyMath.com)

Lame Joke of the Day: What did the mother buffalo say when her calf went off to college?