

Adding Terms

Algebraic Techniques

Mr Maguire

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DO NOW

1. Identify the like terms:

$$4ab^2, 4ab, 2a^2b^2, 3b^2a$$

2. Which is the constant term?

$$3x \quad 4x^2 \quad 5x^0 \quad x$$

Adding Terms

To add terms:

- make sure the two terms are **like** terms
- add the coefficients

Careful!

Don't forget to take any minus signs into account!

Practice

Simplify the following expressions

a) $2x + 3x$

b) $3a + 5b + 6a$

c) $a + b + 2b + a$

d) $a^2 + 2ab - 2ba + b^2$

e) $a + 2a - 3a + 4a - 5a + 6a - 7a + 8a - 9a + 10a$

What's $2n$ plus $2n$?

I don't know, it sounds $4n$ to me...