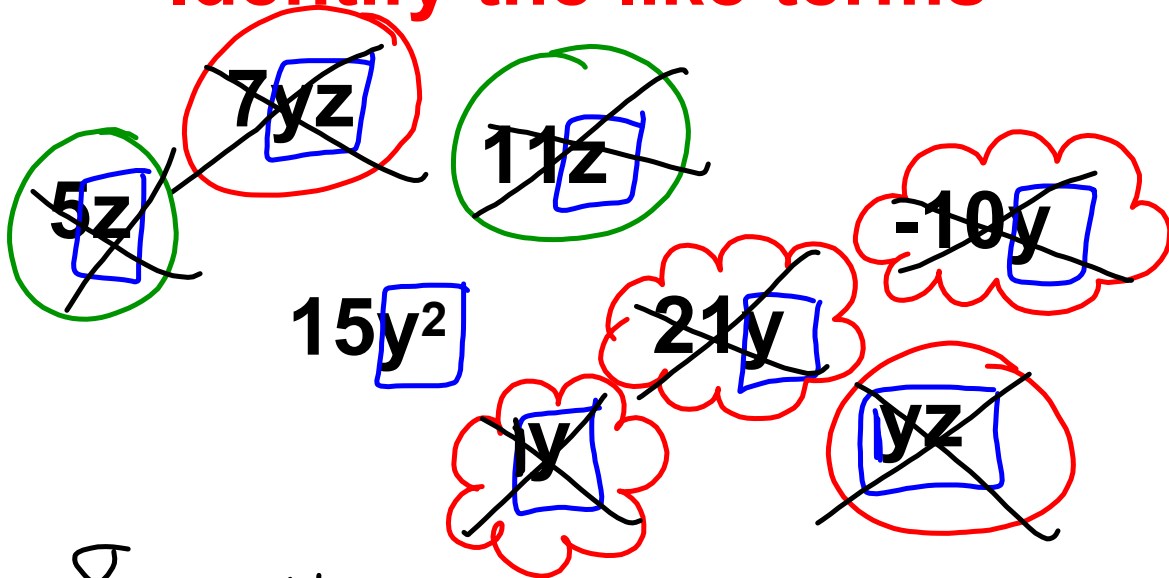# Section 5.2
Like Terms & Unlike Terms

x

x^2

x^2

x^2

x

x^2

x^2

x^2

x

x^2

Identify the like terms

$7yz$ $11z$ $-10y$

$5z$ $15y^2$ $21y$ y yz

$$8yz + 16z + 12y + 15y^2$$
$$= 15y^2 + 8yz + 16z + 12y$$

1.

$(6x) - 4 (+ 3x) + 6$

$9x + 2$

Simplify the polynomial

$$9x - 6y + 11y - 4x$$

$$= 5x + 5y$$

Simplify the polynomial

$$10z^2 + 15y^5 - 1z^2$$

$$= 9z^2 + 15y^5$$

Simplify the polynomial

-8rs + 7r - 40s - 11rs + 5s

$$= -19rs + 7r - 35s$$

Simplify the polynomial

-8h + 5 + 4h - 3 + 5h - 4h² -1

$$= -4h^2 + 1h + 1$$

Simplify the polynomial

6ab - 2a + b - 6 - ab + 5a + 5b + 12

$$= 5ab + 3a + 6b + 6$$

$$5ab + 2ba$$

Homework

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Attachments

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