

Lesson 5.1: Equivalent Expressions

Targets

1. I can combine like terms.
2. I can evaluate equivalent expressions.

Combining Like Terms: Chuck Norris

First attempt this problem on your own. Then watch the video and copy his notes.

What happens if I have two Chuck Norris' and I add three Chuck Norris'?

Your attempt:

Video Notes:

How to Simplify a Big Expression by Combining Like Terms

First attempt this problem on your own. Then watch the video and copy his notes.

Your attempt:

$$5x + 7y + 8z - 2x + 3y + 5 - z$$

Video Notes:

$$5x + 7y + 8z - 2x + 3y + 5 - z$$

Khan Activity: Combining Like Terms with Negative Coefficients

Complete this activity on Khan.

Equivalent Expressions With Distribution and Combining Like Terms

First attempt this problem on your own. Then watch the video and copy his notes.

What expressions are equivalent to this expression: $x + 2y + x + 2$

Your attempt:

- a. $2(x + y + 1)$
- b. $2x + 4y + 4$
- c. None of the above

Video Notes:

- a. $2(x + y + 1)$
- b. $2x + 4y + 4$
- c. None of the above

Khan Activity: Equivalent Expressions with Distribution and Combining Like Terms

Complete this activity on Khan.

Exit Ticket

1. Have all your notes filled out above.
2. Complete the following Khan Academy Activities:
 - a. Combining Like Terms with Negative Coefficients
 - b. Equivalent Expressions with Distribution and Combining Like Terms