

WEEK 5 - MATH ASSIGNMENTS

April 20 – April 24

Distributive Property and Combining Like Terms

Monday, April 20

Assignment:

- Review Week 5 (04-20 thru 04-24) Student Notes 1
- Review Week 5 (04-20 thru 04-24) Student Notes 2
- Watch Video: <https://www.youtube.com/watch?v=4bD8DOXBOeo>
- No written assignment.

Calculator link: <https://www.desmos.com/fourfunction>

Tuesday, April 21

Assignment:

Use the distributive property to simplify each expression.

1. $3(3w + r)$

2. $10(9 + 8g)$

3. $10(11 + 4g)$

4. $11(12 + 11w)$

5. $11(7 + 9a)$

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Wednesday, April 22

Assignment:

Simplify each expression by combining like terms.

1. $5u + u - 5u$

2. $6r - 3g + 4g - r$

3. $2p + 3 + p + 6$

4. $6x - 3x + y + 8y - x$

5. $20g + k + 14 + 4k - 3$

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Thursday, April 23

Assignment:

Simplify each expression by using the Distributive Property and Combining Like Terms.

1. $8x + 4(11 + 3x)$

2. $4(5x + 1) + 6x$

3. $2(x + 2) + 2x$

4. $3(x + 2) + 2 + 4x$

5. $2(3x + 4) + 3 + 6x$

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Friday, April 24

Assignment:

Answer each multiple choice question.

1. Choose the two expressions that are equivalent to $16k + 24$.

- a. $8(4k + 6)$
- b. $4(4k + 8)$
- c. $4(4k + 6)$
- d. $(2k + 3)8$
- e. $(8k + 24)2$

2. Determine if the expressions are equal. Use the symbols $=$ or \neq .

$(11 + 9)4$ _____ $(4 + 11) \cdot (4 + 9)$
 $17k + 12$ _____ $12 + 17k$
 $8(2 - 1)$ _____ $16 - 8$
 $2q + 18$ _____ $(2q + 9)2$

3. Choose the two expressions that are equivalent to $7(5 + 4)$.

- a. $28 + 35$
- b. $35 + 4$
- c. $4(7 + 5)$
- d. $(7 + 5) \cdot (7 + 4)$
- e. $(7 \cdot 5) + (7 \cdot 4)$

4. Which expression is equivalent to $25t + 5$?

- a. $25(t + 1)$
- b. $5(5t + 1)$

5. State whether or not the two expressions are equivalent.

$y + 8(y + 1)$ and $9y + 1$