

6th Grade
March 3, 2021

Today we will:

- Review HW
- Practice with Kahoot

**I am out of pencils.
If you need one, it will
cost ONE DEMERIT.
Going to your locker to
get one also costs ONE
DEMERIT.**



HOMEWORK:

Video notes

ALEKS assignment: 60
min and 5 topics due
next Monday by 11:59pm



Lesson 3 Skills Practice

Algebra: Variables and Expressions

Complete the table.

Algebraic Expressions	Variables	Coefficients	Constants
1. $5d + 2c$	c, d	$5, 2$	none
2. $5w - 4y + 28$	w, y	$5, -4$	28
3. $xy + 4 + 3m - 6$	x, y, m	$1, 3$	$4, -6$

** include + or - sign*

Evaluate each expression if $a = 3$ and $b = 4$.

4. $10 + b$

$10 + 4$
 14

7. $a \cdot b$

$3 \cdot 4$
 12

10. $a^2 \cdot b^2$

$3^2 \cdot 4^2$
 $9 \cdot 16$
 144

5. $2a + 8$

$2 \cdot 3 + 8$
 $6 + 8$
 14

8. $7a \cdot 9b$

$7 \cdot 3 \cdot 9 \cdot 4$
 $21 \cdot 36$
 756

11. $ab \div 3$

$3 \cdot 4 \div 3$
 $12 \div 3$
 4

6. $4b - 5a$

$4 \cdot 4 - 5 \cdot 3$
 $16 - 15$
 1

9. $8a - 9$

$8 \cdot 3 - 9$
 $24 - 9$
 15

12. $7a + 8b \cdot 2$

$7 \cdot 3 + 8 \cdot 4 \cdot 2$
 $21 + 64$
 85

Evaluate each expression if $x = 7$, $y = \frac{1}{2}$, and $z = 8$.

13. $x + y + z$

$7 + \frac{1}{2} + 8$
 $15\frac{1}{2}$

14. $x + 2z$

$7 + 2 \cdot 8$
 $7 + 16$
 23

15. $4y$

$4 \cdot \frac{1}{2}$
 2

16. $4x - 3z$

$4 \cdot 7 - 3 \cdot 8$
 $28 - 24$
 4

17. $4x - 17$

$4 \cdot 7 - 17$
 $28 - 17$
 11

18. $9y + (2x + 1)$

$9 \cdot \frac{1}{2} + (2 \cdot 7 + 1)$
 $4\frac{1}{2} + 15$
 $19\frac{1}{2}$



In-Class Activity (ICA)



Kahoot! on evaluating algebraic expressions :)





<p><u>EXPRESSIONS</u></p> <p>SUBTRACT</p>	<p>Glue here</p>	<p><u>WRITING</u></p> <p>ADD</p>
<p>DIVIDE</p>		<p>MULTIPLY</p>