

6th Grade
March 17, 2021

Today we will:

- Review HW
- Work on Skills WS in class-check before end of period
- work on ALEKS HW

**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:

Special ALEKS assignment

Test and binder check
FRIDAY

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



Lesson 7 Extra Practice
Equivalent Expressions

Simplify each expression.

1. $9x + 3x$
 $12x$

$3 \cdot 11 \cdot x = 3(11x) = 33x$
 $(3 \cdot 11) \cdot x$

2. $2x + x$
 $3x$

3. $6x + 8x$
 $14x$

4. $9x + 3x$
 $9 + 3 = 12x$

5. $7x + 4x$
 $11x$

6. $10x + x$
 $11x$

7. $(3x) + 2 + (4x)$
 $7x + 2$

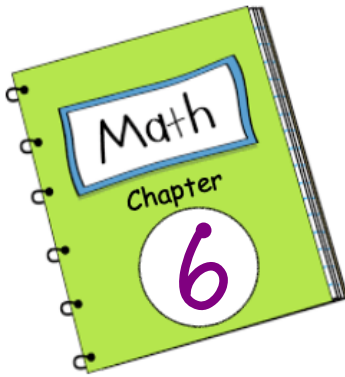
8. $(15x) + 3 + (x)$
 $16x + 3$

9. $2x + 5 + 6x$
 $8x + 5$

10. $7x + 2x + 4$
 $9x + 4$

11. $18x + 3x + 9$
 $21x + 9$

12. $6x + x + 8$
 $7x + 8$



TITLE:



Expressions

Date	Lesson	Topic/Assignment
2/17	1	Powers and Exponents Video Notes
2/19	1	HOMEWORK: Pg437 WS
2/22	2	Order of Operations Video Notes
2/23	2	HOMEWORK: Pg445 WS
2/23	2	CLASSWORK: Pg447 WS
2/26	3	Variables and Expressions Video Notes
3/2	3	CLASSWORK: Pg453 WS
3/3	3	HOMEWORK: Skills Practice WS
3/4	4	Writing Expressions Video Notes
3/5	4	Pg464 Examples
3/5	4	Skills and HW Practice WS
3/9	5	Properties In-Class Notes
3/9	5	CLASSWORK: Reteach WS
3/10	5	HOMEWORK: Skills Practice WS
3/10	5	CLASSWORK: Homework and Extra Practice WS
3/11	6	Distributive Property Video Notes
3/12	6	HOMEWORK: Pg488 WS
3/15	6	CLASSWORK: HW Practice WS
3/16	7	Simplifying Expressions Video Notes
3/17	7	HOMEWORK: Extra Practice WS
3/17	7	CLASSWORK: Skills WS
3/18	ALL	HOMEWORK: Unit 6 Study Guide

Let's work on this in class. We will check in about 15 minutes.

Lesson 7 Skills Practice

3(11x)

Equivalent Expressions

Simplify each expression.

1. $0 - 4 + 3x$
 $4x + 4$

2. $3 + (x + 6)$
 $(3 + 6) + x$
 $9 + x$

3. $15 + (6 + x)$
 $21 + x$

4. $(6 + x) + 9$
 $6 + 9 = 15 + x$

5. $x + 2 + 8x$
 $9x + 2$

6. $(4x + 3y) + 23y$
 $26y + 4x$

7. $(25y + 5x) + 4y$
 $29y + 5x$

8. $15 \cdot (5 \cdot x)$
 $(15 \cdot 5) \cdot x = 75x$

9. $7(4x)$
 $(7 \cdot 4) \cdot x = 28x$

10. $8x + (16 + 4x)$
 $(8x + 4x) + 16$
 $12x + 16$

11. $x + 2 + x$
 $2x + 2$

12. $5 \cdot x + 10$
 $50 \cdot x$

13. $(17 \cdot 3) + 5x$
 $51x$

14. $8x + 17y + 9x$
 $17x + 17y$

15. $3x + (24x + 8)$
 $27x + 8$

16. $3(15x)$
 $45x$

17. $2x + 8 + x$
 $3x + 8$

18. $(5x + 9y) + 32x$
 $37x + 9y$

A car company charges x dollars to rent a car plus any extra options shown in the table. Use the information to answer Exercises 19 and 20.

Extra Options	Cost
Car Seat	\$50
Insurance	\$75
Car Wash	\$15

19. Three people each rented a car with insurance and one more person rented a car with a car wash. Write an expression that represents the total cost of the car rentals and extra options.

OR $3(x + 75) + 1(x + 15)$
 $3x + 3 \cdot 75 + x + 15$

20. Simplify your expression.

$3x + 3 \cdot 75 + 1x + 15$
 $4x + 240$

