6th Grade
March 5, 2021

Today we will:

-Do some examples on writing expressions together

-in-class assignment: Skills and HW Practice WS

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:

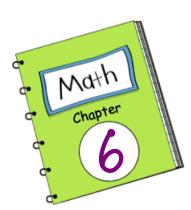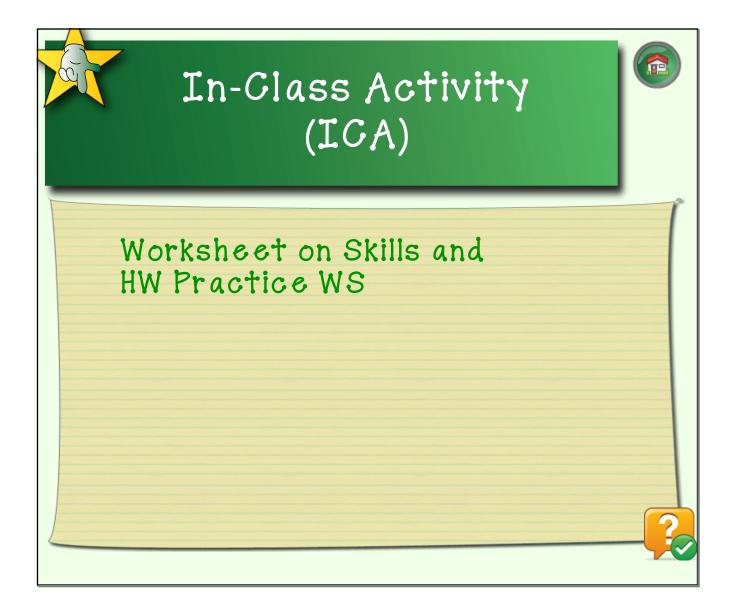ALEKS assignment: 60 min and 5 topics due next Monday by 11:59pm

Guided Practice

Define a variable and write each phrase as an algebraic expression.
(Examples 1–4)

E For Elliot's money

1. four times more money than Elliot saved $4E$

G for pages George read

2. half as many pages as George read $G \div 2$ or $\frac{G}{2}$ or $\frac{1}{2}G$

3. the width of a box that is 4 inches less than the length $L-4$

L stands for length

4. the cost of 5 CDs and a $12 DVD $5C + 12$

5. Shoko bought a box of popcorn for $3.50 and three medium drinks. Define a variable and write an expression to represent the total amount they spent. Then find the total amount if one drink costs $1.50. (Example 5)

m for cost of drink

$3.50 + 3m$

$3.50 + 3 \cdot 1.50 =$

$3.50 + 4.50 = \$8$

Math
Chapter
6

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

In-Class Activity (ICA)

Worksheet on Skills and HW Practice WS

March 5, 2021

Lesson 4 Skills Practice

Algebra: Write Expressions

Define a variable. Then write each phrase as an algebraic expression.

1. one more ball than is on the playground

2. three more cookies than are in the jar

3. twelve fewer questions than were on the first test

4. eight dollars more than the shirt costs

5. three times as many drinks on the tray

6. five dollars less than Yumi's pay

7. The English class has half as many students as the math class.

8. one third of Emily's age

9. ten times the minutes spent exercising

10. **MAIL** Spencer bought 3 books of stamps and mailed a package. It cost $4.50 to mail the package. Define a variable and write an expression to represent the total amount he spent at the post office.

Lesson 4 Homework Practice

Algebra: Write Expressions

Define a variable. Then write each phrase as an algebraic expression.

1. nine less than a number

2. five times the number of books in the library

3. three more pancakes than his brother ate

4. two more than seven times Lynn's age

5. 9 minutes less than Frances' time

6. **SPORTS** The distance around a basketball, or circumference, is about three times the circumference of a softball. Define a variable and write an expression to represent the circumference of a basketball.

7. **PLUMBING** A plumber charges $50 to visit a house plus $40 for every hour of work. Define a variable and write an expression to represent the total cost of hiring a plumber.

8. **CAMPING** A camp leader figures that she needs one tent for every three campers, plus a tent for herself. Define a variable and write an expression to represent the number of tents needed.