



UNIT 7



KEY VOCABULARY

Key Vocabulary

PERCENT

Percent relates to the number out of a hundred. The symbol % is used to show percent.

DECIMAL

A decimal relates to a number system based on 10. A decimal fraction is a fraction written as a decimal. For example, $1/2$ is 0.5 or 50%.

INTEGERS

An integer is a positive or negative number, or 0, but it is not a fraction.

Key Vocabulary

POSITIVE

Positive integers are numbers that are greater than 0.

NEGATIVE

Negative integers are numbers that are less than 0 but are not fractions. They are shown using the - symbol, as in -20, -32, etc.



LESSONS

Language and Skills Development

LISTENING



Picture Bingo

Provide each student with a copy of the smaller pictures from the Student Support Materials. The students should cut out the pictures. Each student should turn his/her pictures face down on the desk. Then, each student should turn ONE picture face up. Say a vocabulary word. Any student or students who have the picture for the vocabulary word you said face up on their desks should show their pictures. Those pictures should then be put to the side and the students should turn over another picture. The first student or students to have no pictures left on their desks win the round. The pictures may be collected, mixed, and redistributed to the students for the different rounds of the activity.

Mini Pictures

Provide each student with a copy of the mini-pictures page from the Student Support Materials. When you say the key words, the students must find the pictures for them. Then, have the students cut out the pictures. Say the keywords and the students should hold up the pictures for them.

SPEAKING



Balloon Volleyball

Group the students into two teams. The two teams should stand, facing one another. Toss a round, inflated balloon to the members of Team One. The members of Team One must then bounce the balloon to the members of Team Two. The players should continue to bounce the balloon back and forth in this way until a team loses the balloon. You may wish to establish the rule that players may not move their feet during the activity. When a team loses the balloon, show them a vocabulary picture and all team members in that team must say the vocabulary word for it. Repeat until players in both teams have responded a number of times.

Picture Jigsaw

Prepare an extra set of vocabulary pictures. Cut each of the vocabulary pictures into four pieces. Mix the cut out pieces together and distribute them to the students (a student may have more than one picture section). When you say "Go," the students should attempt to match the jigsaw sections they have to reproduce the original vocabulary pictures. When the students put the necessary pieces of a picture together, they should identify the picture by its vocabulary word. Continue until all vocabulary pictures have been put together and named in this way.

Language and Skills Development

READING



Pass the Lifesaver

Group the students in a circle. Give each student a toothpick. Place two or three lifesavers over selected toothpicks. When you say “Go,” the students should pass the lifesavers around the circle in a clockwise direction until you clap your hands. When you clap your hands, the students should stop passing the lifesavers. The students who are holding the lifesavers on their toothpicks must then identify a sight word you show. Repeat until many students have responded and until all sight words have been identified a number of times.

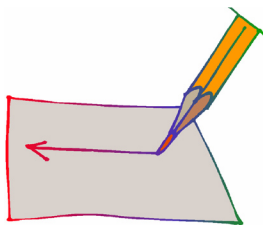
Alphabetical Order

Before the activity begins, prepare one or two extra sets of sight word cards. Mix all of the sight word cards together. Then, divide the sight word cards into two equal decks of word cards. Group the students into two teams. Give the players in each team one of the decks of sight word cards. When you say “Go,” the players in each team must then arrange their cards in their correct alphabetical order. The first team to do this wins the round. This activity may be repeated more than once by collecting, mixing, and redistributing the deck of sight word cards to the teams.

Letter Encode

Give each student his/her envelope that contains the alphabet letters. Show a picture from this unit. The students must use the cut out letters to spell the word for the picture. Review the students’ work. Repeat, until all of the words have been spelled.

WRITING



Silent Dictation

Provide each student with writing paper and a pen. The students should watch carefully as you move your lips as though you are saying one of the sight words (do not voice the word). After “lipping” the sight word, each student should write that word on his/her sheet of paper. Repeat this process with other sight words. Afterwards, review the students’ responses.

Student Support Materials

Have the students work on the activity pages from the Student Support Materials from this unit. Afterward, review their work.



VOCABULARY PICTURES





DECIMAL



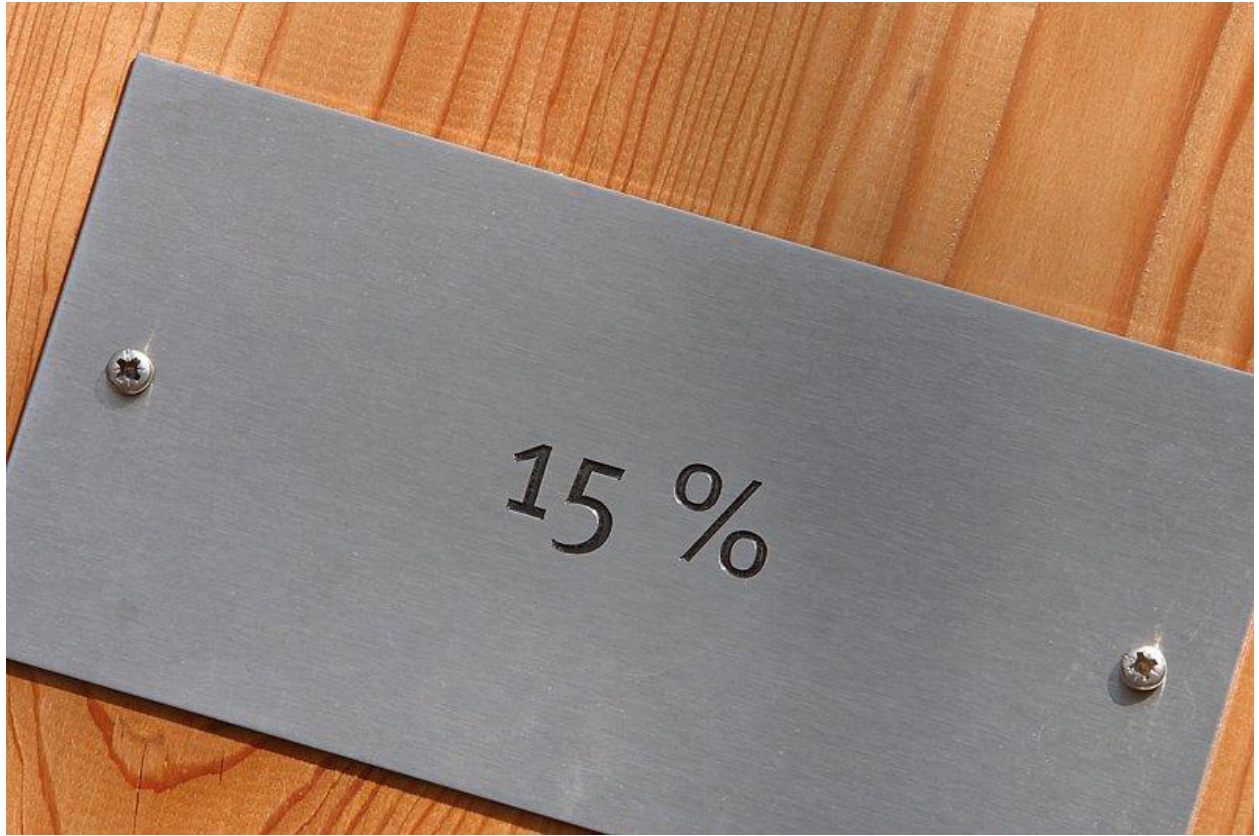


INTEGERS





NEGATIVE





PERCENT





POSITIVE



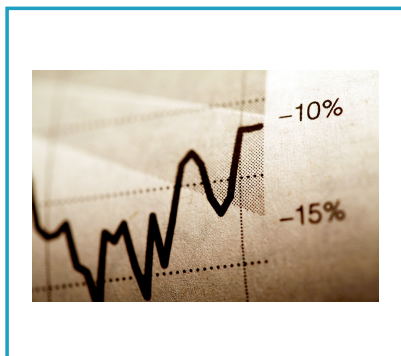
STUDENT SUPPORT MATERIALS

Listening • Mini Pictures

Numbered Pictures

Say the key math words for this unit and associate each word with a number from one to five. The students must write the numbers of the words under their pictures.

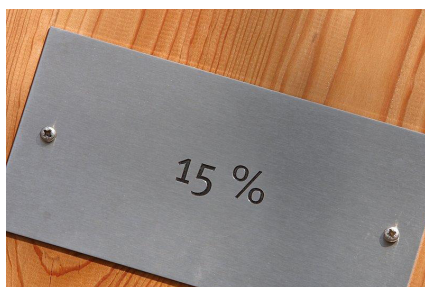
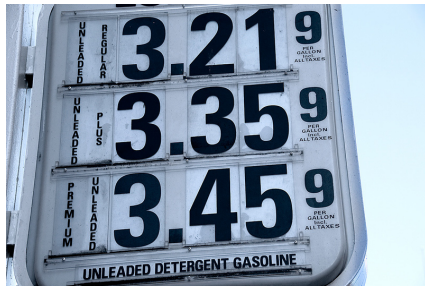




Mini Pictures



Provide each student with a copy of this page. The students should cut out the pictures and lay them on the floor or desks. Say the key words a number of times; the students must hold up the pictures for the words you say. You can also have pairs of students participate in the activity, to see which student can locate the correct graphic first. Later, say three words and the students must find the correct pictures to reproduce the sequence of words that you said. Repeat using different sequences of key words.







STUDENT SUPPORT MATERIALS

Reading • Sight Recognition and Encoding

Reading Comprehension

integers

decimal

percent





negative

positive

Sight Words Activity Page



Have the students circle the word for each picture.



percent
decimal
integers
positive
negative



percent
decimal
integers
positive
negative



percent
decimal
integers
positive
negative



percent
decimal
integers
positive
negative



percent
decimal
integers
positive
negative

Encoding Activity Page

Have the students cut out the word halves and glue them together to create the key words for this unit.



perc

gers

dec

tive

inte

ent

posi

ative

neg

imal



Encoding Activity Page

Have the students cut out the word parts and glue them into their correct words.



p_____cent

de_____mal

in_____gers

po_____tive

_____gative

ne	er	si
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te	ci
----	----



Word and Definition Match



Have the students write the word numbers under their matching definitions.

These are the number of elements in a set, inside parentheses.

This is a fraction that is smaller than a whole and the denominator is bigger than the numerator.

These are positive or negative numbers or 0.

This refers to the number out of a hundred.

This is the number in a fraction that tells the number of parts of the whole.

These are numbers that are larger than 0.

These are numbers that are smaller than 0 but are not fractions.

This relates to a number system based on 10.

These are odd and even numbers that have been rounded.

1. percent

2. decimal

3. integers

4. positive

5. negative

What's the Answer?



Have the students read the text and then select the correct answer for it. They should fill in the appropriate bullet beside the answer of their choice.

- ① What does percent tell us?
 - It tells us which numbers are positive or negative.
 - It tells us which numbers are odd or even.
 - It tells us the number out of a hundred.

- ② What is a decimal fraction?
 - It is a fraction written as a fraction.
 - It is a fraction written as a decimal.
 - It is a decimal converted to a fraction.

- ③ What are integers?
 - They are fractions.
 - They are odd numbers.
 - They are numbers that are not fractions.

- ④ Which of these is a positive integer?
 - 2
 - 4
 - $1/2$

- ⑤ Which of these is a negative integer?
 - 10
 - $2/3$
 - 20

Which Belongs?

Have the students write the word that is correct for each sentence.



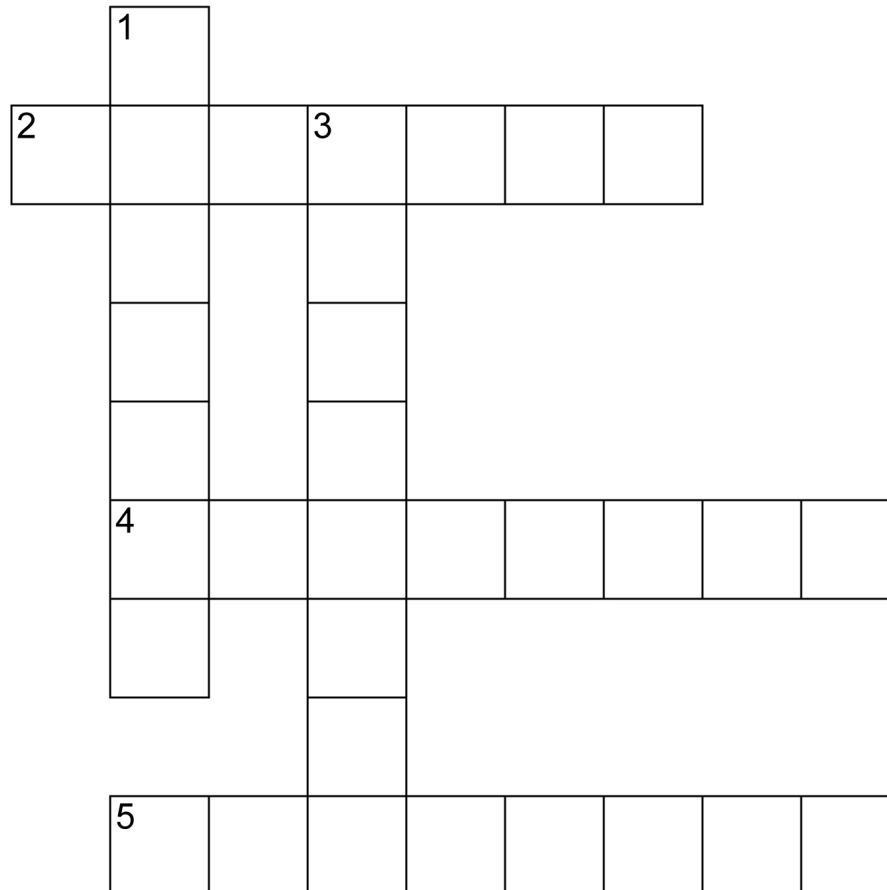
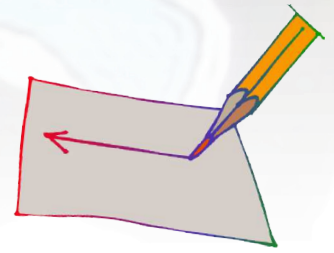
- ① A **percent/per capita** relates to the number out of a hundred.
- ② A **set/decimal** fraction is a fraction, written as a decimal.
- ③ **Integers/Decimals** are positive or negative numbers, or 0.
- ④ **Positive/Negative** integers are greater than 0.
- ⑤ **Positive/Negative** integers are less than 0.



STUDENT SUPPORT MATERIALS

Basic Writing

Crossword Puzzle



www.CrosswordWeaver.com

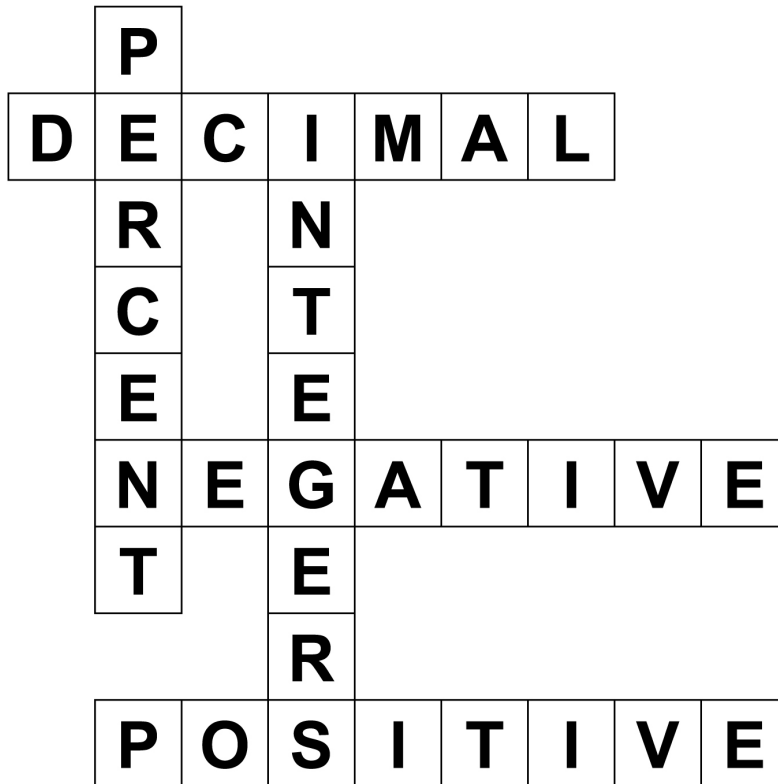
ACROSS

- 2 This relates to a number system based on 10.
- 4 These integers are numbers that are less than 0 but are not fractions.
- 5 These integers are numbers that are greater than 0.

DOWN

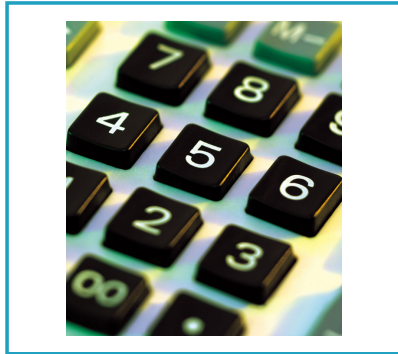
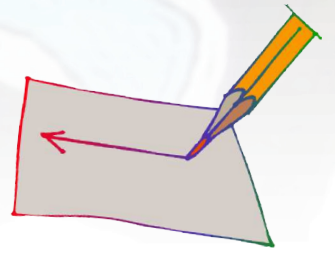
- 1 This relates to the number out of a hundred.
- 3 These are positive or negative numbers, or 0, but are not fractions.

Crossword Puzzle Answers



Basic Writing Activity Page

Have the students write the word for each picture.







UNIT ASSESSMENT

Teacher note: When using the Developmental Language Process in math, listening comprehension and creative writing are not always used. However, we have included these skills in this assessment. It is your decision as to whether or not to include them in the unit's assessment.



MATH PROGRAM

Unit Assessment Teacher's Notes
Grade 6 • Unit 7

Date: _____

Unit Assessment

Provide each student with a copy of the students' pages. Read the following instructions aloud. The students should answer the questions on their copies of the assessment.

BASIC LISTENING

Turn to page 1 in your test. Look at the pictures in the boxes.

1. Write the number 1 on top of the picture for **PERCENT**.
2. Write the number 2 on top of the picture for **DECIMAL**.
3. Write the number 3 on top of the picture for **INTEGERS**.
4. Write the number 4 on top of the picture for **POSITIVE**.
5. Write the number 5 on top of the picture for **NEGATIVE**.

LISTENING COMPREHENSION

Turn to page 2 in your test. Listen to the sentences I say. Circle "T" for true and "F" for false sentences."

1. Percent relates to the number out of a hundred.
2. A decimal is a proper fraction with a small numerator.
3. 0 is an integer.
4. Positive integers are numbers larger than 0.
5. Negative integers are numbers larger than 0.

SIGHT RECOGNITION

Turn to page 3 in your test. Look at the pictures in the boxes. Circle the word for each picture.

DECODING/ENCODING

Turn to page 4 in your test. Look at the word parts in the boxes. Circle the other half or part of each word.

Unit Assessment

Provide each student with a copy of the students' pages. Read the following instructions aloud. The students should answer the questions on their copies of the assessment.

READING COMPREHENSION

Turn to page 5 in your test. Read the sentence part and fill in the bullet for the correct sentence ending.

BASIC WRITING

Turn to page 6 in your test. Look at the pictures in the boxes. Write the word for each picture.

CREATIVE WRITING

Turn to page 7 in your test. Write a sentence of your own, using each word.



Teacher: To get a percentage for this student's assessment, divide the total number of questions correct by the total number of questions, then multiply this answer by 100 to determine the percentage of questions answered correctly.



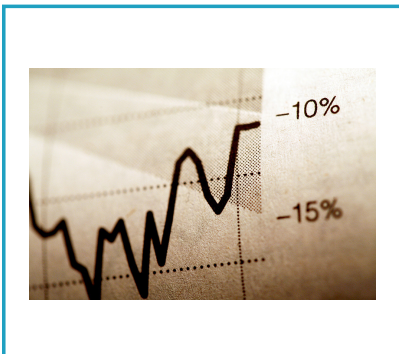


MATH PROGRAM

Unit Assessment Student Pages
Grade 6 • Unit 7

Date: _____ Student's Name: _____

Number Correct: _____ Percent Correct: _____





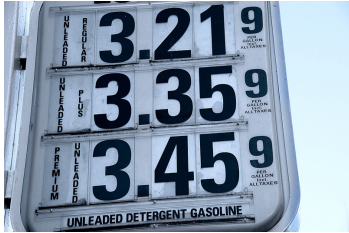
1. T F

2. T F

3. T F

4. T F

5. T F



percent
decimal
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positive
negative



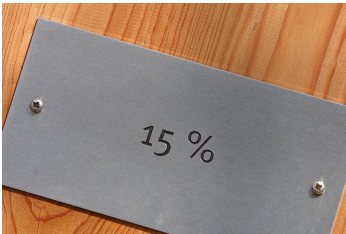
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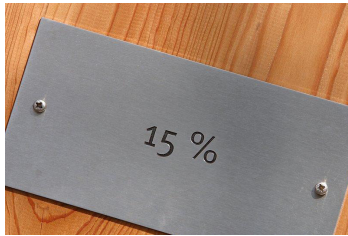
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- 
- ① Which of these is a percent?
- $\frac{5}{6}$
 - 10
 - 10%
- ② Which of these uses a decimal?
- 5%
 - 5.2
 - $1-\frac{1}{2}$
- ③ Which of these is an integer?
- 8
 - .8
 - $7-\frac{3}{4}$
- ④ Which of these is a positive number?
- 7
 - 8
 - $\frac{2}{3}$
- ⑤ Which of these is a negative number?
- 6
 - 4
 - $\frac{2}{3}$





PERCENT

DECIMAL

INTEGERS

POSITIVE

NEGATIVE
