

Vocabulary and Activities

Workbook with Keys

S*implified*
solutions
For Math

A

absolute value	algebraic function that asks the question, "how far is a number or expression from zero on the number line?"
acute angle	an angle of less than 90°
acute triangle	a triangle with all internal angles smaller than 90°
add	operation where numbers are combined
addend	the numbers being combined in addition
additive identity	for any number a , $a + 0 = a$
additive inverses	two numbers whose sum is zero; also known as opposites.
adjacent angles	two angles that share a common ray and a common vertex
analogy	a comparison based on similarity
angle	the figure formed by two rays sharing a common endpoint, called the vertex of the angle
annually	yearly; once a year
area	the measure of a bounded region on a flat surface
associative property	number property that states 'the outcomes of adding or multiplying are unaffected by the grouping of the terms'

B

bar graph	graph which compares amounts
base	(<i>exponents</i>) number repeatedly multiplied
base	(<i>geometry</i>) the bottom and/or top part of a geometric figure

base edge the intersection of a lateral face with the base

bisect divide into two equal parts

box-and-whisker plot a convenient way of graphically depicting the five-number summary, which consists of the minimum observation, lower quartile (Q1), median, upper quartile (Q3), and the maximum observation



Celsius the basic metric unit of measurement for temperature

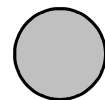
centi prefix meaning one hundredth part of, or $\frac{1}{100}$

centigram (cg) unit of mass in the metric units system = 0.01 gram

centiliter (cl) unit of volume in the metric units system = 0.01 liter

centimeter (cm) unit of length in the metric units system = 0.01 meter

circle the set of all points in a plane at a fixed distance, called the radius, from a fixed point, the center.

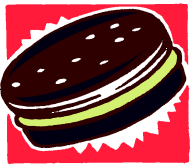


circle

circumference the distance around the outside of a circle

claim to state as a fact

coefficient the numerical factor of a term



Word Search 10



L	Y	Q	P	R	O	T	R	A	C	T	O	R	V
I	A	R	L	A	C	I	T	R	E	V	E	I	S
N	D	K	A	R	R	N	C	S	I	Q	T	A	C
S	J	I	N	T	T	A	C	U	T	E	T	P	A
E	A	T	Y	E	N	N	L	E	Y	E	N	R	L
L	C	E	A	Z	M	E	E	L	B	N	I	A	E
E	E	T	R	O	S	L	M	U	E	I	O	E	N
C	N	A	H	U	G	E	L	I	R	L	P	N	E
S	T	R	T	N	A	E	A	P	L	G	A	I	T
O	O	B	A	S	C	R	O	R	M	P	N	L	N
S	O	I	U	T	E	A	S	S	A	P	M	O	C
I	R	R	N	A	L	P	N	P	O	E	C	O	C
T	E	E	T	C	U	R	T	S	N	O	C	S	C

Word Bank

COMPLIMENTARY

LINEAR PAIR

ADJACENT

CONGRUENT

CONSTRUCT

MEASURE

TRIANGLE

PROTRACTOR

ACUTE

ISOSCELES

COMPASS

SCALENE

OBTUSE

PARALLEL

VERTICAL

POINT

LINE

RAY



Matching 15



Write the letter of the correct definition next to each word.

- | | |
|---------------------------------|--|
| ___ 1. integer | a. take a number or quantity a given number of times |
| ___ 2. positive numbers | b. separate into equal parts |
| ___ 3. negative numbers | c. numbers to the right of 0 on the number line |
| ___ 4. multiply | d. two numbers whose sum is zero |
| ___ 5. multiplicand | e. two numbers whose product is one |
| ___ 6. multiplier | f. number by which another is to be divided |
| ___ 7. product | g. number resulting from division |
| ___ 8. divide | h. number by which another is to be multiplied |
| ___ 9. dividend | i. number to be multiplied by another |
| ___ 10. divisor | j. numbers to the left of 0 on the number line |
| ___ 11. quotient | k. number resulting from multiplication |
| ___ 12. additive inverses | l. number to be divided by another |
| ___ 13. multiplicative inverses | m. positive and negative whole numbers |



Cloze Exercise 7

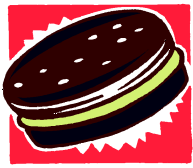


Fill in the blank with the appropriate word.

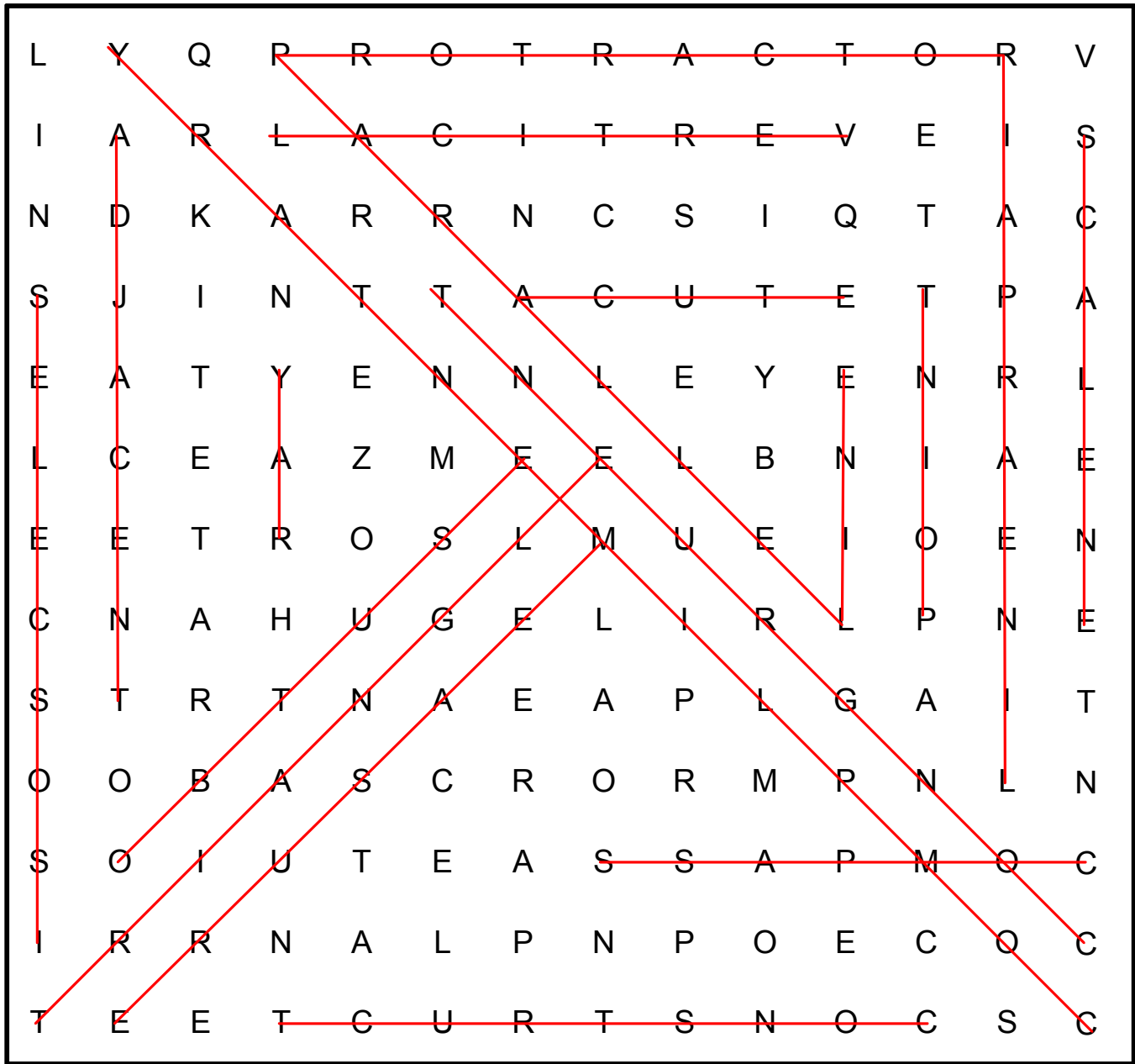
1. The cost per individual unit is the _____.
2. To _____ an equation is to find out what number a variable represents.
3. The steepness of a line is called the _____.
4. A _____ is a letter used to represent a number.
5. The point where a line crosses the y-axis is the _____.
6. An _____ is a mathematical sentence containing $<$, $>$, \leq or \geq .
7. The cost for the quantity in question is the _____.
8. The _____ is the amount being discussed.
9. A comparison often often expressed as a fraction is a _____.
10. A _____ graph is not a line.

Word Bank

Y INTERCEPT	VARIABLE
QUANTITY	NON-LINEAR
UNIT COST	TOTAL COST
RATIO	SLOPE
SOLVE	INEQUALITY



Word Search 10 Key



WORD BANK

COMPLIMENTARY

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COMPASS

SCALENE

OBTUSE

PARALLEL

VERTICAL

POINT

LINE

RAY



Matching 15 Key



Write the letter of the correct definition next to each word.

- | | |
|--|--|
| <u> m </u> 1. integer | a. take a number or quantity a given number of times |
| <u> c </u> 2. positive numbers | b. separate into equal parts |
| <u> j </u> 3. negative numbers | c. numbers to the right of 0 on the number line |
| <u> a </u> 4. multiply | d. two numbers whose sum is zero |
| <u> i </u> 5. multiplicand | e. two numbers whose product is one |
| <u> h </u> 6. multiplier | f. number by which another is to be divided |
| <u> k </u> 7. product | g. number resulting from division |
| <u> b </u> 8. divide | h. number by which another is to be multiplied |
| <u> l </u> 9. dividend | i. number to be multiplied by another |
| <u> f </u> 10. divisor | j. numbers to the left of 0 on the number line |
| <u> g </u> 11. quotient | k. number resulting from multiplication |
| <u> d </u> 12. additive inverses | l. number to be divided by another |
| <u> e </u> 13. multiplicative inverses | m. positive and negative whole numbers |



Cloze Exercise 7 Key



Fill in the blank with the appropriate word.

1. The cost per individual unit is the UNIT COST.
2. To SOLVE an equation is to find out what number a variable represents.
3. The steepness of a line is called the SLOPE.
4. A VARIABLE is a letter used to represent a number.
5. The point where a line crosses the y-axis is the Y INTERCEPT.
6. An INEQUALITY is a mathematical sentence containing $<$, $>$, \leq or \geq .
7. The cost for the quantity in question is the TOTAL COST.
8. The QUANTITY is the amount being discussed.
9. A comparison often often expressed as a fraction is a RATIO.
10. A NON-LINEAR graph is not a line.

Word Bank

Y INTERCEPT	VARIABLE
QUANTITY	NON-LINEAR
UNIT COST	TOTAL COST
RATIO	SLOPE
SOLVE	INEQUALITY