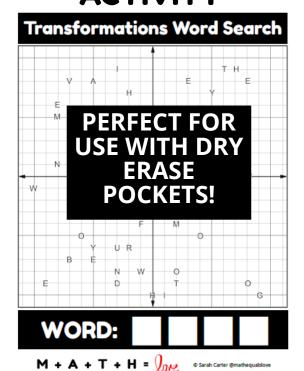
Iransformations Word Search

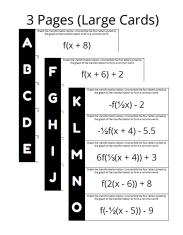
SMALL GROUP ACTIVITY



Group Tracking Card for Easy Accountability

Transformations Word Search					
Name(s):					
Α	В	С	D	E	
F	G	Н	- 1	J	
K	L	М	N	0	

Two Different Card Formats



1 Page (Small Cards)

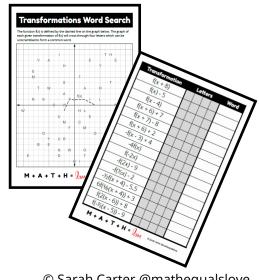
A	В	С
f(x + 8)	f(x) - 5	f(x - 4)
D	E	F
f(x + 6) + 7	f(x + 7) - 8	f(x + 6) + 2
G	Н	I
-f(x - 3) + 4	-4f(x)	f(-2x)
J	K	L
-f(2x) - 9	-f(½x) - 2	-1/2f(x + 4) - 5.5
М	N	0
6f(1/s(x + 4)) + 3	f(2(x - 6)) + 8	f(-½(x - 5)) - 9

Transformations Word Search Key

M + A + T + H = 0000 © Sarah Carter @mathequalslove

		<u> </u>
Puzzle	Transformation	Word
Α	f(x + 8)	
В	f(x) - 5	
С	f(x - 4)	
D	f(x + 6) + 7	Plank answer kov
Е	f(x + 7) - 8	Blank answer key
F	f(x + 6) + 2	provided for
G	-f(x - 3) + 4	teacher to
Н	-4f(x)	
I	f(-2x)	complete before
J	-f(2x) - 9	using activity with
K	-f(½x) - 2	class.
L	-½f(x + 4) - 5.5	Class.
M	6f(1/3(x + 4)) + 3	
N	f(2(x - 6)) + 8	
O	f(-½(x - 5)) - 9	

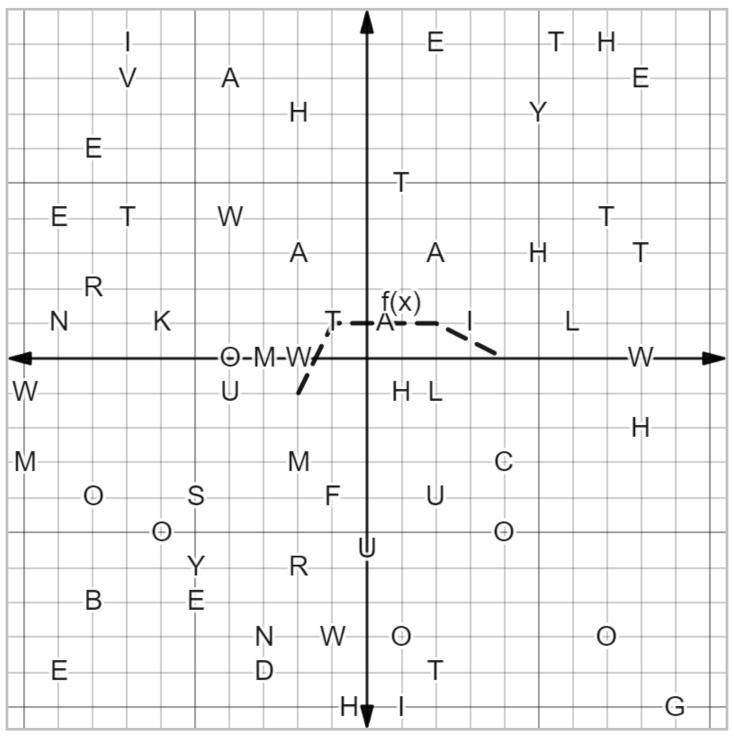
Also Provided in Worksheet Format



© Sarah Carter @mathequalslove

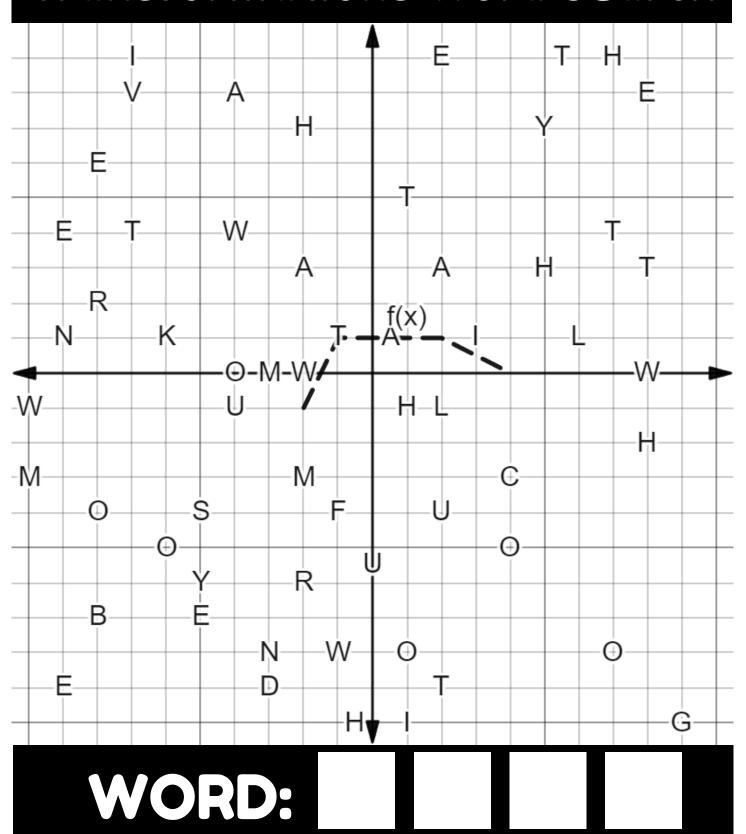
Transformations Word Search

The function f(x) is defined by the dashed line on the graph below. The graph of each given transformation of f(x) will cross through four letters which can be unscrambled to form a common word.



Transformation	Let	ters	Word
f(x + 8)			
f(x) - 5			
f(x - 4)			
f(x + 6) + 7			
f(x + 7) - 8			
f(x + 6) + 3			
-f(x - 3) + 4			
-4f(x + 7)			
f(-2x)			
-f(2x) - 9			
-f(½x) - 2			
-½f(x + 4) - 5.5			
$6f(\frac{1}{3}(x+4))+3$			
f(2(x - 6)) + 8			
f(-½(x - 5)) - 9			

Transformations Word Search



M + A + T + H =



Graph the transformation below. Unscramble the four letters joined by the graph of the transformation to form a common word.



$$f(x + 8)$$

Graph the transformation below. Unscramble the four letters joined by the graph of the transformation to form a common word.

f(x) - 5

Graph the transformation below. Unscramble the four letters joined by the graph of the transformation to form a common word.

f(x - 4)

Graph the transformation below. Unscramble the four letters joined by the graph of the transformation to form a common word.

f(x + 6) + 7

Graph the transformation below. Unscramble the four letters joined by the graph of the transformation to form a common word.

f(x + 7) - 8

C



Graph the transformation below. Unscramble the four letters joined by the graph of the transformation to form a common word.

f(x + 6) + 3

Graph the transformation below. Unscramble the four letters joined by the graph of the transformation to form a common word.

G

$$-f(x - 3) + 4$$

Graph the transformation below. Unscramble the four letters joined by the graph of the transformation to form a common word.

H

$$-4f(x + 7)$$

Graph the transformation below. Unscramble the four letters joined by the graph of the transformation to form a common word.

Graph the transformation below. Unscramble the four letters joined by the graph of the transformation to form a common word.

J

$$-f(2x) - 9$$







O

Graph the transformation below. Unscramble the four letters joined by the graph of the transformation to form a common word.

$$-f(\frac{1}{2}x) - 2$$

Graph the transformation below. Unscramble the four letters joined by the graph of the transformation to form a common word.

$$-\frac{1}{2}f(x + 4) - 5.5$$

Graph the transformation below. Unscramble the four letters joined by the graph of the transformation to form a common word.

$$6f(\frac{1}{3}(x + 4)) + 3$$

Graph the transformation below. Unscramble the four letters joined by the graph of the transformation to form a common word.

$$f(2(x - 6)) + 8$$

Graph the transformation below. Unscramble the four letters joined by the graph of the transformation to form a common word.

$$f(-\frac{1}{2}(x - 5)) - 9$$

A	B	C
f(x + 8)	f(x) - 5	f(x - 4)
D	E	F
f(x + 6) + 7	f(x + 7) - 8	f(x + 6) + 3
G	H	
-f(x - 3) + 4	-4f(x + 7)	f(-2x)
-f(x - 3) + 4	-4f(x + 7)	f(-2x)
-f(x - 3) + 4 J -f(2x) - 9	-4f(x + 7) K -f(½x) - 2	f(-2x) L -½f(x + 4) - 5.5
J	K	L

Transformations Word Search				
Name(s):				
Α	B	С	D	E
F	G	Н		J
K	L	M	N	0

Transformations Word Search				
Name(s):				
A	В	С	D	E
F	G	Н		J
K	L	M	N	0

Transformations Word Search				
Name(s):				
A	В	С	D	E
F	G	Н	ı	J
K	L	M	N	0

Transformations Word Search				
Name(s):				
A	В	С	D	E
F	G	Н	ı	J
K	L	M	N	0

Transformations Word Search Key

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I	f(-2x)	
J	-f(2x) - 9	
K	-f(½x) - 2	
L	-½f(x + 4) - 5.5	
М	6f(½(x + 4)) + 3	
N	f(2(x - 6)) + 8	
0	f(-½(x - 5)) - 9	