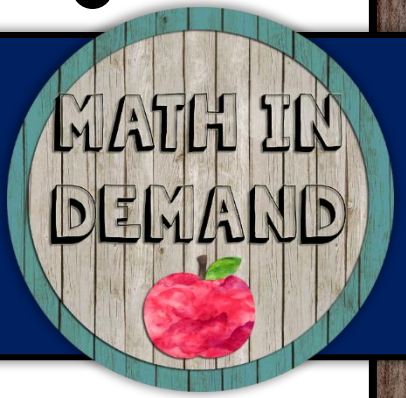
Slope Given Two Points

Hidden Message Worksheet



Lots of Fun!

Score (__/__)

Name: _____

Date: _____

Period: _____

Slope Given Two Points

Worksheet Practice

Directions: Determine the slope between the given two points. Bubble in your answers on the back page then shade according to the given column and row. Show all your work.

1. (2,-1) and (-5,-15)
2. (-15,18) and (3,0)
3. (4,19) and (-3,-16)
4. (2,-10) and
5. (0,0) and (-2,18)
6. (-7,8) and (4,8)
7. (-5,-5) and (-1,7)
8. (3,33)

-2 (A2-A6, S11, E16, Y3)
-3/4 (G13-G17, Y14, D4)
-7 (C6, K17, X11, U14)
1/2 (B10-B14, F4, W2)
7 (R4-R8, S2, C10, X13)
-8 (H13-H17, W18, D5, F8)
5 (N15-N19, Z13, I4, V4)

0 (L16-L19, C10, V2, J15)
4 (I4-I8, E13, K18, Y19)
-9 (W6, D6, V13, J17)
-1 (X2, E4, F15, P18, V6)
1 (P4-P8, B18, F6, X9)
8 (N4-N6, D2, K8, U16)
-6 (J2, G10, L18, U15, Z8)

9 (G4-G8, S3, L10, R8)
2 (Q15-Q19, Y12, E5)
-10 (T2-T6, M7, X19, H12)
-3 (Z10-Z14, J11, C16)
12 (U2-U6, E15, P8, Y10)
1/4 (I16-I19, T15, A10)
-1/2 (Y2-Y6, R17, W15, A2)

-15 (D13-D
-4 (R4-R6,
3/4 (O5, L
10 (K15,
-5 (C10-
6 (S13-S17,
3 (J4-J8, X14, B3)

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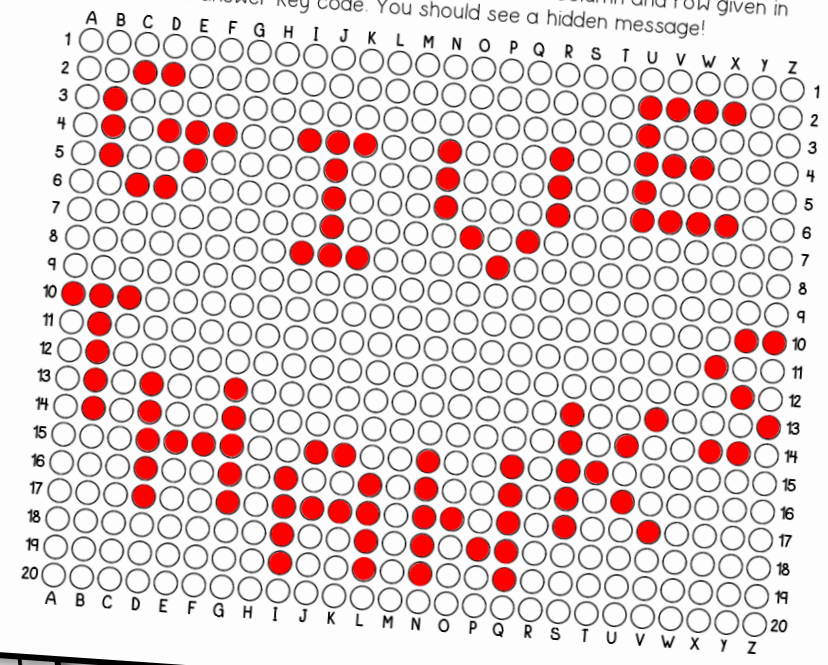
Directions: Shade in the circles according to the column and row given in the answer key code. You should see a hidden message!



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Great Practice!

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Teacher Notes

- I recommend that students use pencil only when they bubble in the hidden message on page 6.
- I like to print pages 4 and 5 back to back.
- This activity works great individually or in pairs.
- If students do not see their answer in the "answer key code" section then they need to check their answers.
- Students will need to shade in the circles on page 6 according to the column and row given to them from the answer key code.
- There is a hidden message that should appear. The hidden message says "GIVE THANKS".
- If you have any questions or concerns, please email me at mathindemand@hotmail.com.

Score (___/___)

Name: _____

Date: _____

Period: _____

Slope Given Two Points

Worksheet Practice

Directions: Determine the slope between the given two points. Bubble in your answers on the back page then shade according to the given column and row. Show all your work!

1 (2,-1) and (-5,-15)	2 (-15,18) and (3,0)	3 (4,19) and (-3,-16)	4 (2,-10) and (0,4)
5 (0,0) and (-2,18)	6 (-7,8) and (4,8)	7 (-5,-5) and (-1,7)	8 (3,33) and (0,-3)

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9 (-10,40) and (3,-12)	10 (-4,0) and (-16,-6)	11 (-5,-31) and (-8,-55)	12 (-3,38) and (4,-67)
13 (-20,-5) and 0,0)	14 (-1,-10) and (3,14)	15 (8,-7) and (-8,5)	16 $(\frac{3}{2},-3)$ and $(\frac{5}{2},7)$

Answer Key Code

- ○ -2 (A2-A6, S11, E16, Y3)
- ○ -3/4 (G13-G17, Y14, D4)
- ○ -7 (C6, K17, X11, U14)
- ○ 1/2 (B10-B14, F4, W2)
- ○ 7 (R4-R8, S2, C10, X13)
- ○ -8 (H13-H17, W18, D5, F8)
- ○ 5 (N15-N19, Z13, I4, V4)
- ○ 0 (L16-L19, C10, V2, J15)
- ○ 4 (I4-I8, E13, K18, Y19)
- ○ -9 (W6, D6, V13, J17)
- ○ -1 (X2, E4, F15, P18, V6)
- ○ 1 (P4-P8, B18, F6, X9)
- ○ 8 (N4-N6, D2, K8, U16)
- ○ -6 (J2, G10, L18, U15, Z8)
- ○ 9 (G4-G8, S3, L10, R8)
- ○ 2 (Q15-Q19, Y12, E5)
- ○ -10 (T2-T6, M7, X19, H12)
- ○ -3 (Z10-Z14, J11, C16)
- ○ 12 (U2-U6, E15, P8, Y10)
- ○ 1/4 (I16-I19, T15, A10)
- ○ -1/2 (Y2-Y6, R17, W15, A2)
- ○ -15 (D13-D17, K4, I8)
- ○ -4 (R4-R6, V17, C2, Q7)
- ○ 3/4 (O5, L14, V8, G16, X19)
- ○ 10 (K15, O7, W4, B5, Z10)
- ○ -5 (C10-C14, T9, V10, G5)
- ○ 6 (S13-S17, O17, X6, B4)
- ○ 3 (J4-J8, X14, B3)

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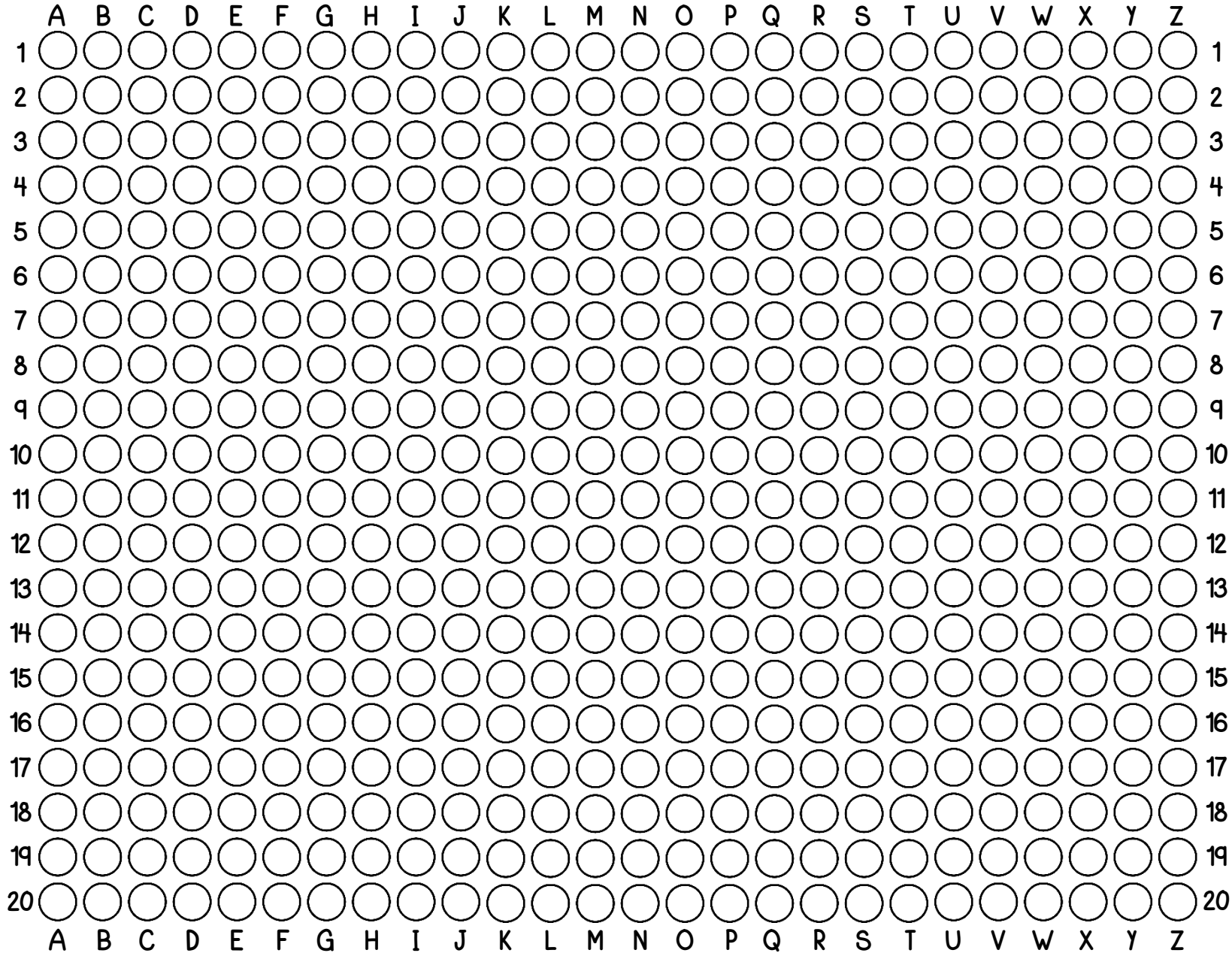
Directions: Shade in the circles according to the column and row given in the answer key code. You should see a hidden message!



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Score (___/___)

Slope Given Two Points

Worksheet Practice

ANSWER KEY

Directions: Determine the slope between the given two points. Bubble in your answers on the back page then shade according to the given column and row. Show all your work!

1 (2,-1) and (-5,-15)

$m = \frac{-15-(-1)}{-5-2} = \frac{-14}{-7}$

$= 2$

2

2 (-15,18) and (3,0)

$m = \frac{0-18}{3-(-15)} = \frac{-18}{18}$

$= -1$

-1

3 (4,19) and (-3,-16)

$m = \frac{-16-19}{-3-4} = \frac{-35}{-7}$

$= 5$

5

4 (2,-10) and (0,4)

$m = \frac{4-(-10)}{0-2} = \frac{14}{-2}$

$= -7$

-7

5 (0,0) and (-2,18)

$m = \frac{18-0}{-2-0} = \frac{18}{-2}$

$= -9$

-9

6 (-7,8) and (4,8)

$m = \frac{8-8}{4-(-7)} = \frac{0}{11}$

$= 0$

0

7 (-5,-5) and (-1,7)

$m = \frac{7-(-5)}{-1-(-5)} = \frac{12}{4}$

$= 3$

3

8 (3,33) and (0,-3)

$m = \frac{-3-33}{0-3} = \frac{-36}{-3}$

$= 12$

12

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9 (-10,40) and (3,-12)

$m = \frac{-12-40}{3-(-10)} = \frac{-52}{13}$

$= -4$

-4

10 (-4,0) and (-16,-6)

$m = \frac{-6-0}{-16-(-4)} = \frac{-6}{-12}$

$= \frac{1}{2}$

$\frac{1}{2}$

11 (-5,-31) and (-8,-55)

$m = \frac{-55-(-31)}{-8-(-5)} = \frac{-24}{-3}$

$= 8$

8

12 (-3,38) and (4,-67)

$m = \frac{-67-38}{4-(-3)} = \frac{-105}{7}$

$= -15$

-15

13 (-20,-5) and 0,0)

$m = \frac{0-(-5)}{0-(-20)} = \frac{5}{20}$

$= \frac{1}{4}$

$\frac{1}{4}$

14 (-1,-10) and (3,14)

$m = \frac{14-(-10)}{3-(-1)} = \frac{24}{4}$

$= 6$

6

15 (8,-7) and (-8,5)

$m = \frac{5-(-7)}{-8-8} = \frac{12}{-16}$

$= -\frac{3}{4}$

$-\frac{3}{4}$

16 $(\frac{3}{2},-3)$ and $(\frac{5}{2},7)$

$m = \frac{7-(-3)}{\frac{5}{2}-\frac{3}{2}} = \frac{10}{\frac{2}{2}} = \frac{10}{1}$

$= 10$

10

Answer Key Code

- ○ -2 (A2-A6, S11, E16, Y3)
- ● -3/4 (G13-G17, Y14, D4)
- ● -7 (C6, K17, X11, U14)
- ● 1/2 (B10-B14, F4, W2)
- ○ 7 (R4-R8, S2, C10, X13)
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- ● 1/4 (I16-I19, T15, A10)
- ○ -1/2 (Y2-Y6, R17, W15, A2)
- ● -15 (D13-D17, K4, I8)
- ● -4 (R4-R6, V17, C2, Q7)
- ○ 3/4 (O5, L14, V8, G16, X19)
- ● 10 (K15, O7, W4, B5, Z10)
- ○ -5 (C10-C14, T9, V10, G5)
- ● 6 (S13-S17, O17, X6, B4)
- ● 3 (J4-J8, X14, B3)

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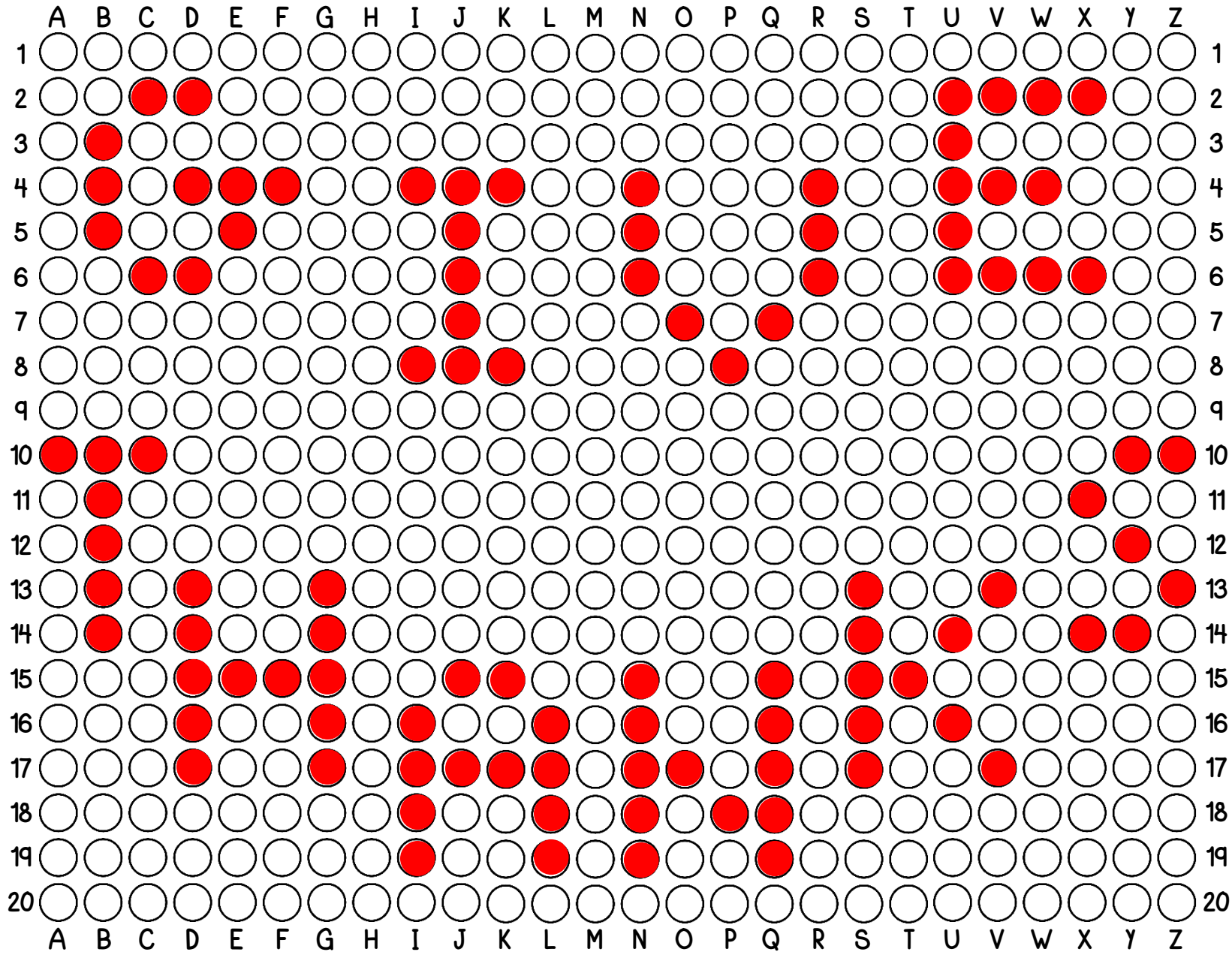

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Recommendations

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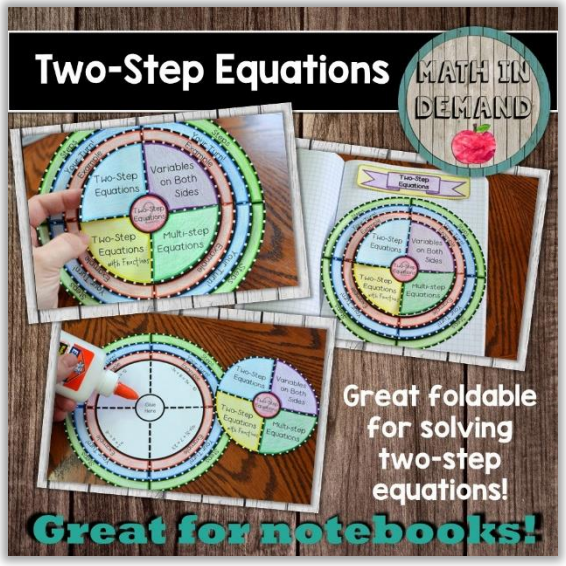

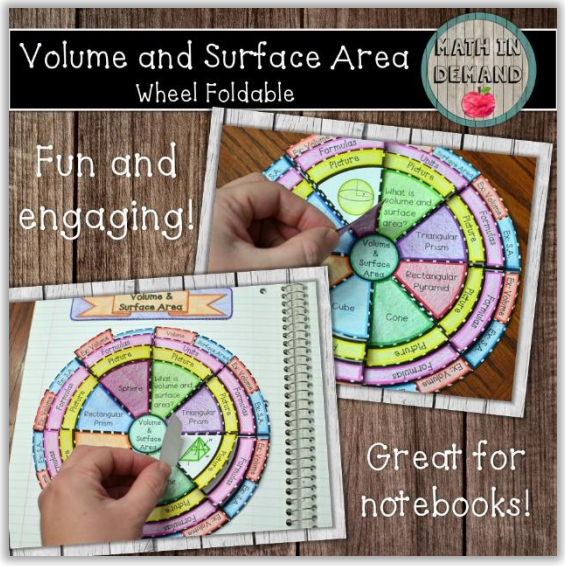

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