

FEB. 8TH AGENDA

1. Warm Up
2. Review homework
3. Translations, Reflection, & Rotation quiz.
4. Homework:
Transformation worksheet.

Feb 8-8:48 AM

Warm Up

- 1) simplify the following: $-2(x - 4) + 3(2x + 3)$
- 2) Solve for a. $a + 4 = -3$
 -5
- 3) Of the following numbers -33, 0, 35, -41, -17 and 40, which has the highest absolute value?

Solve the following:

- 4) $-3 + -4 =$
- 5) $-6 - (-7) =$
- 6) $-4 \times -5 =$
- 7) $\frac{24}{-8} =$

Feb 8-8:49 AM


Translation, Reflection, & Rotation Quiz

1. Quadrilateral LMNP has vertices L(7, 5), M(4, 8), N(10, 3) and P(6, 4). If quadrilateral LMNP is reflected over the x-axis, what will the new coordinates be?
2. If quadrilateral LMNP (from #1) is translated 4 units left and 7 units up, what will the new coordinates be?
3. Triangle RST has vertices R(-3, -4), S(-6, -9), and T(-5, -7). If triangle RST is rotated 90° counter clockwise, what will the new coordinates be?
4. If triangle RST is rotated 180°, what will the new coordinates be?
5. If triangle RST is rotated 270° counter clockwise, what will the new coordinates be?

Feb 8-8:50 AM

1. 63
2. 9
3. 65
4. $n \div 15$
5. $n - 13$
6. $10(p - 2)$
7. $3 + 8y$
8. $\$2.95 + \$.14t$
9. $2y + 3y^2$
10. $8x + 13$
11. $10 + 8b - 6a$
12. $7a + 4b + 7a + 4b$
 $14a + 8b$
13. yes
14. no
15. yes
16. 176
17. $g = 17$
18. $p = 13$
19. $t = 24$
20. $m = 19$
21. $k = 56$
22. $b = 13$
23. $n = 112$
24. $x = 15$
25. 16

Feb 8-11:17 AM

1. >
2. >
3. <
4. 
5. 23
6. 17
7. 10
8. -3
9. -4
10. -18
11. -13
12. -17
13. 2
14. -14
15. 20
16. -11
17. 2,321 ft.
18. -21
19. -2
20. 45
21. 9
22. $x = 10$
23. $k = 75$
24. $y = -24$
25. 49 Students

Feb 8-12:00 PM