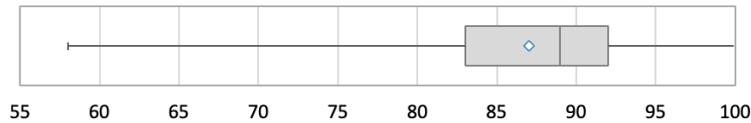


Warm Up

10/1

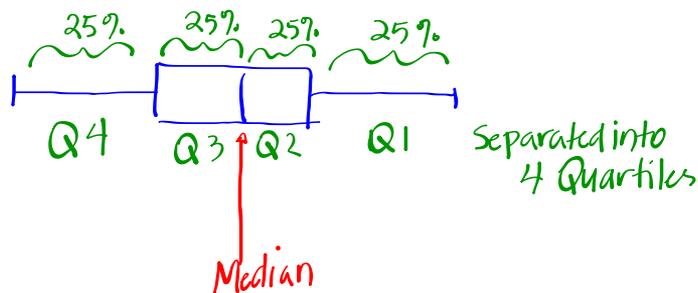
What does this plot tell us about the quiz results?

TWMM Inv 1, Slope and Solving Quiz

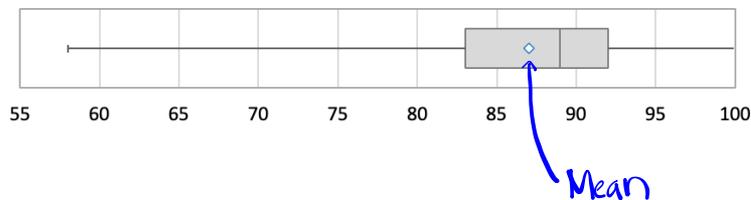


What do we know about Box Plots.

• Median is in the box (it's the line)



TWMM Inv 1, Slope and Solving Quiz



Median \sim 88

Highest grade = 100

50% of students scored above 88.

75% scored above 83

Middle 50% scored between 83 and 92

25% of all students scored above \sim 92

Name _____

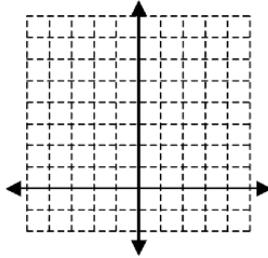
Homework Questions?

*Answer key
found online*

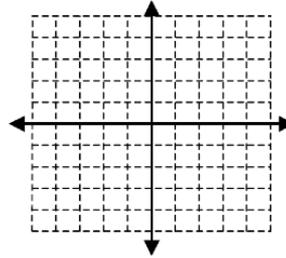
Writing Equations of Lines Practice

Graph the line that passes through the points. Then write the equation of the line in slope-intercept form.

1. $(1, 8)$ and $(-2, -1)$



2. $(-4, -1)$ and $(2, 2)$



Use the slope formula to find the slope of the line between the given points.

3. $(-4, 1)$ and $(2, -5)$

4. $(2, -3)$ and $(-3, 7)$

Write the equation in slope-intercept form for the line with the given slope that contains the given point.

5. slope = 1; $(-2, 3)$

6. slope = -3; $(-1, 6)$

Write the equation of the line in slope-intercept form that passes through the given points.

7. $(0, -5)$ and $(3, 4)$

8. $(2, 4)$ and $(1, -2)$

9. $(2, -2)$ and $(-4, 1)$

10. $(4, 3)$ and $(-8, 0)$

11. $(9, -2)$ and $(-3, 2)$

12. $(-3, -3)$ and $(7, 2)$

Classwork

13. (1, 2) and (7, 2)

14. (5, -6) and (5, -3)

Remember: In a LINEAR relationship, the slope between ALL points is the same.

Is the relationship shown by the data linear? If it is, model the data with an equation.

15.

x	y
2	3
3	7
4	11
5	15

16.

x	y
-3	4
-1	6
1	7
3	10

17.

x	y
-2	5
3	-5
7	-13
11	-21

18.

x	y
2	3
5	18
8	33
14	63

19.

x	y
-2	25
0	19
3	10
7	-2

20.

x	y
2	3
3	10
4	17
10	24

Homework

Finish classwork