

Section 1.3 – Graphing Numbers

Problem Set 2

Draw a number line and graph these numbers on it.

1. -3 2. 3 3. 0 4. 1

Draw a second number line and graph the following numbers on it.

5. 115 6. 97 7. 104 8. 92

Draw a third number line and graph the following numbers on it.

9. $4\frac{1}{4}$ 10. $-\frac{1}{4}$ 11. -6 12. $4\frac{1}{3}$

Find the distance between the following points.

13. 1 and 22 14. -2 and 14 15. 5 and 35 16. -6 and -3

Find the following values.

17. If you start the origin and go 4 units in the positive direction and then 3 units to the left, what point will you be on?
18. If you start at -2 and go 1 unit in the negative direction and then 5 units in the positive direction, what point will you be on?
19. If you start at 3 then go 2 units to the left, then 3 units to the right, then back 4 units to the left, what point will you be on?
20. Suppose that you like apples half as much as you like oranges. How many apples would it take to equal 22 oranges?