

Section 1.3 – Graphing Numbers

Problem Set 1

Draw a number line and graph these numbers on it.

1. 3 2. 2 3. 5 4. -1

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

5. 212 6. 206 7. 217 8. 209

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

9. -4 10. $-1\frac{1}{2}$ 11. $\frac{2}{3}$ 12. $4\frac{1}{2}$

Find the distance between the following points.

13. 5 and 1 14. 6 and 12 15. 7 and 19 16. -7 and 103

Find the following values.

17. If you start at 0, go 4 units to the left then 1 unit to the right, what point will you be on?
18. If you start at 7 and go 3 units in the positive direction followed by 3 units in the negative direction, what point will you be on?
19. If you start at 1 and go 3.8 units in the positive direction, 1.5 more units in the positive direction then 5.1 units in the negative direction, what point will you be on?
20. If you start the day with 4 quarters, how many more quarters do you need to end up with \$2.50?