

Algebra 4-1 Answers

1) 959.4

2) 1,100

3) 20%

4) 607.6

5a) 90%

5b) \$21.15

6a) .2D

6b) 1.2D

7) .6T

8) \$344.14

9) \$16.84

10) \$26,158.10

11) 7.25%

14) about 2.87 g

15) about 51.5%

16) 25%

17a) \$148.13

17b) The regular price is not 120% of the sale price. The sale price is 80% of the regular price

18) 51.7%

20) $u = -84$

21) $a = -13$

23) \$322.23

24) A

26) 2.9 min

29)

$$a\% \text{ of } b = \frac{a}{100} \cdot b = \frac{ab}{100} = \frac{b}{100}a = b\% \text{ of } a.$$

2) $y = -2$

3) $x = -4$

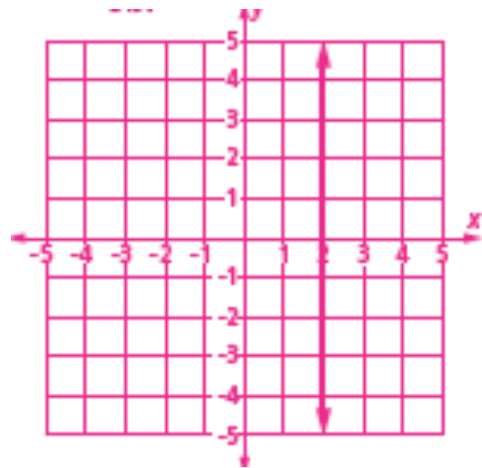
4) y

5) x

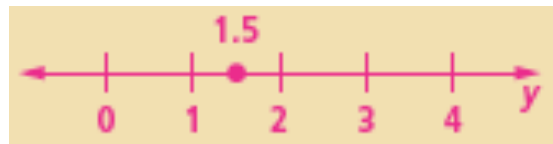
6a)



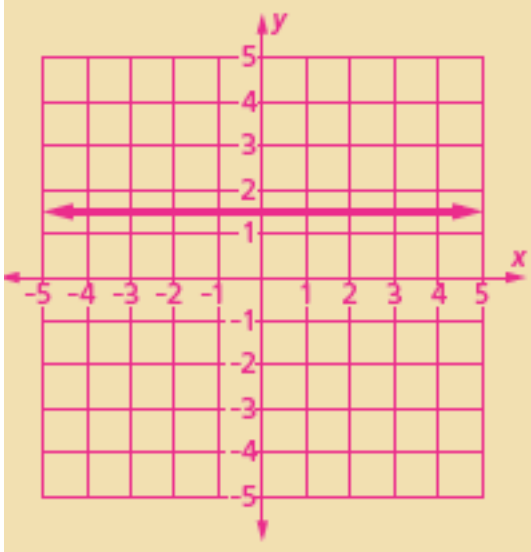
6b)



7a)



Algebra 4-1 Answers



7b)