

- 2) $t = 3$
- 3) $x = 3$
- 5) $y = 46.15$
- 7) $W = 5$
- 9) $z = -15$
- 11) $w = 2.6$
- 14) $d < 1$
- 16) $t < \frac{1}{9}$

18) Each side multiplied by 12

21) Yes. Both sides multiplied by -1 which changes the sense of the inequality

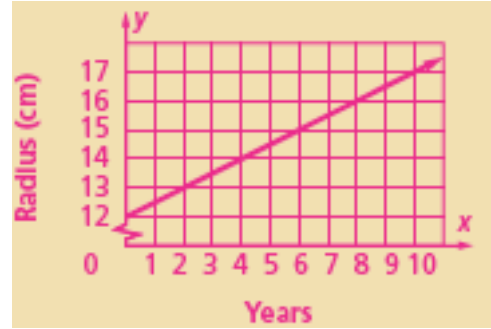
24) 21 hours

25) 32 hours

28) 37 cups

Years	Radius (cm)
0	12
1	12.5
2	13
3	13.5
x	$12 + 0.5x$

29a)



29b)

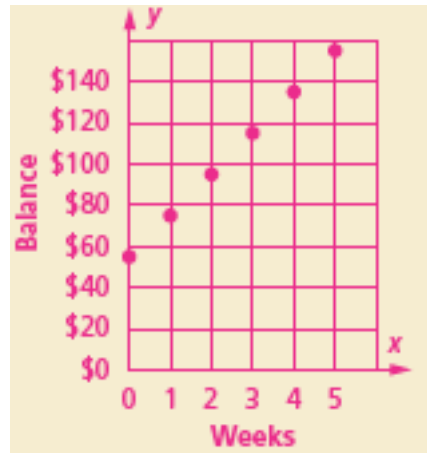
29c) 6 years

29d) 16 cm

31a) $b = 55 + 20w$

Weeks	Balance
0	\$55
1	\$75
2	\$95
3	\$115

31b)

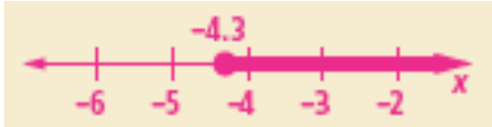


31c)

31d) 6 weeks. Go across from \$175 on the y-axis until on the line; then go down to x.

Algebra 3-Review Answers

32)



34)

