

Chapter 1 Answer sheet to the review sheet "Here are some practice problems"

1a. $1/3$	2f. $72/5$	2o. 5	5e. $9y^2 + 3y + 5$
1b. 1	2g. $56/11$	2p. $-3/2$	5f. $4ab + 3a + 3b$
1c. -2	2h. 17	2q. -1	5g. $9x - 6y + 12z$
1d. -2	2i. 15	2r. 6	5h. $4d + 12$
2a. 19	2j. 15		5i. $17m$
2b. -117	2k. 15	5a. $12x + 2$	5j. $3x - 4$
2c. 3	2l. -15	5b. $-5x + 4$	5k. $18t$
2d. 11	2m. -82	5c. $4x^2 - 6 - 6$	
2e. 37	2n. 36	5d. $-12x^2$	

Algebra 1: Chapter 1: Study Guide Answers ... Check your answers!

Make sure you know how to arrive at the answer. Seek help if you are confused.

1a. $7 - n$	7 (Q): $1.\bar{7}$, 3.14, $-\frac{1}{7}$, $\frac{2}{5}$ also (R)	10c. $4x^2 - 6x - 6$
1b. $2q$	7 (Z): -3, $-\sqrt{16}$ also (Q, R)	10d. $-12x^2$
1c. $9 + x$	7 (W): $0/5$ also (Z, Q, R)	10e. $9y^2 + 3y + 5$
2a. $a = .10d$	7 (N): 4 also (W, Z, Q, R)	10f. $4ab + 3a + 3b$
$a =$ total amount of \$	8a. 2	10g. $9x - 6y + 12z$
$d =$ # of dimes	8b. -15	10h. $4d + 12$
2b. $g = 30t$	8c. -14	10i. $17m$
$g =$ # of gallons	8d. 7	10j. $3x - 4$
$t =$ # of trees	8e. -20	10k. $18t$
3a. $c = 3.5t$	8f. -12	11. H
$t =$ # of tickets	8g. 43	12. B
$c =$ total cost	8h. -8	13. D
3b. $r = 500 - t$	8i. $-\frac{1}{2}$	14. E
$t =$ miles traveled	8j. $-5/12$	15. I
$r =$ miles remaining	8k. 5	16. K
4a. 19	8l. 17	17. B
4b. -117	8m. -1	18. F
4c. $19/7$	9a. -82	19. J
4d. 11	9b. 36	20. A-quad IV
5a. 24	9c. 5	20. B-origin
5b. $9/4$	9d. $-3/2$	20. C-quad III
5c. 0	9e. -1	20. D-quad I
6a. 17	9f. 6	20. E- y-axis
6b. 15	9g. 32	20. F-x-axis
6c. 15	9h. -7	21a. none
6d. 15	10a. $12x + 2$	21b. negative
6e. -15	10b. $-5a + 4$	21c. positive
7 (I): $2\sqrt{5}$, π also (R)		