

Unit 1 Review**Answer Key****Sec 1 H**

1. 15

2. -16

3. 14

4. 31

5. 157

6. 12

7. $\frac{4}{3}$

8. $-\frac{5}{2}$

9. $4x^3 - 3x^2 + 6x + 3$

10. $13y^7 - 9y^2$

11. $2x^2 - 5x$

12. $x^2 + 7x + 10$

13. $x^2 - 4x - 21$

14. $-3x^2 + 6x + 3$

15. $8x^2 + 30x - 27$

16. $30x^2 + 43x - 8$

17. $-9x + 63$

18. $-48y^4 + 40y^3 + 8y^2$

19. $64x^9 y^6$

20. $18x^6 y^5$

21. $y = -\frac{2}{3}x + 3$

22. $y = \frac{1}{2}x - \frac{3}{2}$

23. $y = x - 5$

24. $y = 4x - 3$

25. $y = 3x + 7$

26. $y = 15x + 40$

27. $y = \frac{1}{9}x + \frac{4}{9}$

28. $y = \frac{1}{10}x + \frac{2}{5}$

29.

$h = -7$	Division POE
----------	--------------

30.

$x = -13$	Addition POE
-----------	--------------

31.

$-m = -15$	Subtraction POE
$m = 15$	Division POE

32.

$8d - 6 = 18$	Subtraction POE
$8d = 24$	Addition POE
$d = 3$	Division POE

33.

$20x - 24 > -24$	Distribute POI
$20x > 0$	Addition POI
$x > 0$	Division POI

34.

$k \leq 55$	Multiplication POI
-------------	--------------------

35. $x = -\frac{20}{3}$

36. $x = -\frac{27}{4}$

37. $x = -2$

38. $x = -2$

39. $x \leq 1$

40. $z < -1$

41. $t \geq -11$

$$42. \quad m > -\frac{15}{2}$$

43. Sweater: \$16.70
Shirt: \$12.75

44. Boots: \$23.00

45. Ruler: \$1.75

Scissors: \$3.50

Colored Pencils: \$4.75

$$46. \quad c = \frac{d}{x} - \frac{by}{x} \quad \text{or} \quad c = \frac{d - by}{x}$$

$$47. \quad c = \frac{3p}{t}$$

$$48. \quad m = \frac{w}{h} - \frac{y}{h} \quad \text{or} \quad m = \frac{w - y}{h}$$

$$49. \quad m = \frac{v}{u} - e$$

$$50. \quad x = \frac{8}{ab}$$

$$51. \quad x = 25 - y$$