

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
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30.

$x = -13$	Addition POE
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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
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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

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

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

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

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

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

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