Algebra One Even Answers

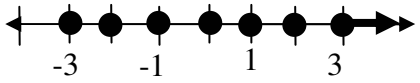
PS 78:

2] 3,5,7,9 4] $\frac{2}{3}$ 6] 4000 8] $\frac{161}{11} = 14\frac{7}{11}$

10a] y = -3 b] $y = -\frac{1}{2}x + 3$ 12] 3.0×10^{-7} 14] (x - 5)(x - 4)

16] m(x + 6)(x + 7) 18] $a^2(5m + 2)(5m - 2)$ 20] $N_D = 20;\ N_Q = 320$

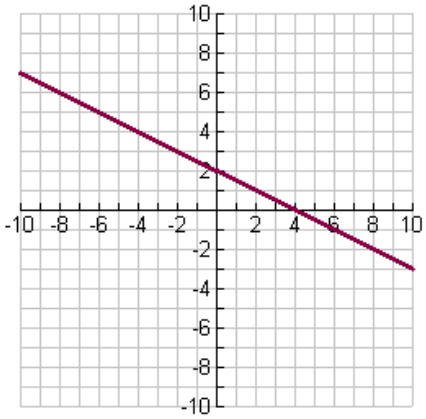
22a] Irrational, Reals b] rational, reals 24] $76\sqrt{6}$

26] 8 28] 

30] $648\pi\ m^3 \approx 2035.752$

PS 79:

2] $\frac{35}{132}$ 4] 3200 6] 400 acres 8] $T_X = 3, T_H = 6$

10] $\frac{21}{2} = 10\frac{1}{2}$ 12] 

14] 1.35×10^{-12}

16] 2(m - 7)(m - 5) 18] $n^2(2m + 7xp)(2m - 7xp)$

20] z(x + y)(z + 7)(z – 3) 22] $N_D = 5;\ N_N = 17$

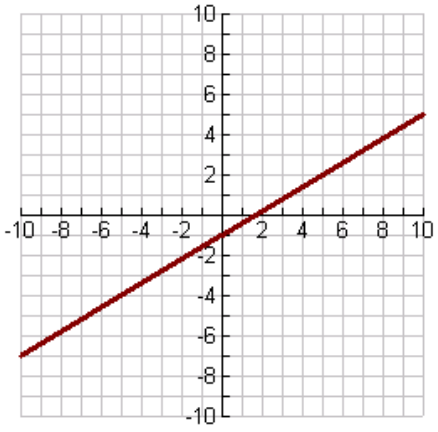
24] $\frac{ax + ay + 4y - x^2 - xy}{xy(x + y)}$ 26] $\frac{4\sqrt{7}}{3} - 1$

28] $-\frac{3}{4}$ 30] $1780 + 186\pi\ ft^2 \approx 2364.336$

PS 80:

2a] $\frac{2}{5}$ b] $\frac{1}{3}$ c] $\frac{4}{15}$ 4] 200 6] 1.2×10^{13}

8] $R_S = 80, R_F = 96$ 10] $T_G = 5,\ T_B = 8$ 12] $\frac{11}{2} = 5\frac{1}{2}$

14] 

16] $x(x+8)(x+1)$ 18] $bc(x+a)(x-a$

20] $N_D = 30;\ N_N = 42$

22a] irrational, real b] Int, rat, real

24] $1+a^2b^2$ 26] $\dfrac{4y^2+1}{xy+m}$

28] 5 30] $570\ m^3$

PS 81:

2] -3, -2, -1, 0 4] 60% 6] 300 8] (3, -3)

10] Inconsistent 12] 1×10^{-5} 14] $T_N = 16,\ T_X = 8$

16] $\dfrac{8}{5}$ 18] $-m(x+4)(x+2)$ 20] $(x+a)(b+6)(b-4)$

22] $N_N = 10;\ N_D = 20$ 24a] -10,16 b] -3, 21 c] -17, 21

26] $2x^6y^6$ 28] 13 30] $1020\ in^3$

PS 82:

2] $\dfrac{95}{203}$ 4] 45 cm 6] 3400 8] $\{x \in \Re / x \le 4\}$

10] Domain $= \{x \in \Re / -4 \le x < 4\}$ 12] (-1 , 3) 14] Consistent

16] $-\dfrac{5}{2}$ 18] $4(a+8)(a-5)$ 20] $x^2(y+1)(x-1)(x+1)$

22] (1, -1) 24] $\dfrac{cx+x^2+bc^2x+5c+5x}{x^2c^2(c+x)}$ 26] $8\sqrt{5}-20\sqrt{2}$

28] $\dfrac{x^2+y^2}{ay-x}$ 30] $1300\ m^2$