

Algebra One Even Answers

PS 73: 2] $\frac{10}{49}$ 4a] $\frac{1}{18}$ b] $\frac{1}{36}$ 6] 176 lbs. 8] $(5px - 2m)(5px + 2m)$

10] $(3ka + 7)(3ka - 7)$ 12] $(6ax + k)(6ax - k)$ 14] $4(x - 5)(x + 4)$

16] $3(x - 15)(x + 2)$ 18] $p(m + 5)(m + 2)$ 20] $-(x + 7)(x + 1)$

22a] Irrational b] rational c] Irrational d] Rational 24] $(1, 1)$

26] $\frac{2x + y - yx}{x(x + y)}$ 28] $\frac{x + 1}{y + x^2}$ 30] $12\pi \text{ in}^3 \approx 37.699$

PS 74: 2] $\frac{7}{26}$ 4] 1200 6] 9.16

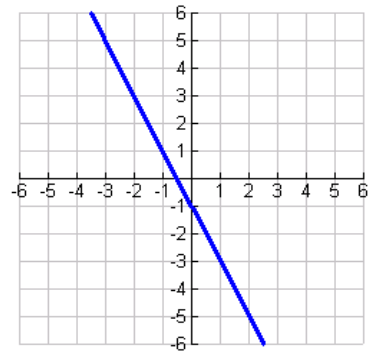
8] 4.78×10^{-4} 10] 4.78×10^{-12} 12] $5(3x + 2m)(3x - 2m)$

14] $a^2(7p + 1)(7p - 1)$ 16] $(x + 5)(x - 4)$ 18] $(x - a)(y - 4)(y + 7)$

20] $a(x - 5)(x + 3)$ 22] $(-2, -4)$ 24]

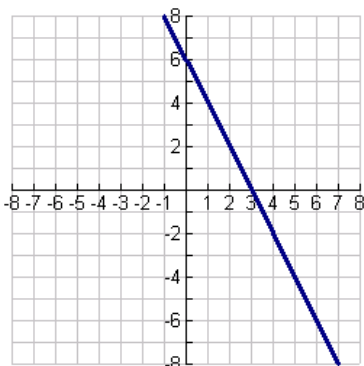
26] $\frac{1}{x^2 y^4}$ 28] 10

30] 144 m^2



PS 75: 2] $\frac{1}{256}$ 4] 4000 6] 56% 8] $y = -x + 2$

10] $y = -2x + 6$ 12] 1.23×10^5 14] $(4x - a)(4x + a)$



16] $(x + 5)(x - 2)$ 18] $5(x - 5)(x + 2)$

20] $(x + y)(z + 6)(z + 3)$ 22] $(1, 1)$

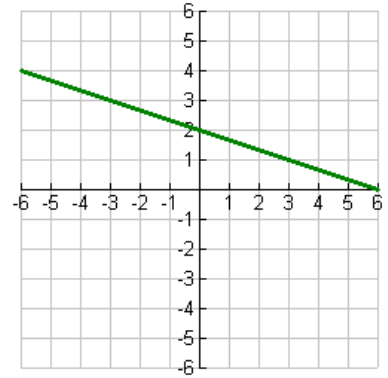
24] $50\sqrt{3} + 90\sqrt{2}$ 26] $x^{12}y$

28] -1 30] $36\pi \text{ ft}^2 \approx 113.097$

PS 76: 2] 14,352

4a] $\frac{7}{12}$ b] $\frac{5}{18}$

6]



8] 4.3×10^3

10] $(m + 3x)(m - 3x)$

12] $5(5m - x)(5m + x)$

14] $(x - 7)(x + 2)$

16] $a(x + 5)(x + 2)$

18] $3(x + 8)(x + 1)$

20] $N_N = 30; N_Q = 15$

22a] False b] False

24] 5

26] 21

28] $\frac{3x^6}{ay^4} - 6x + 12$

30] 336 cm^3

PS 77:

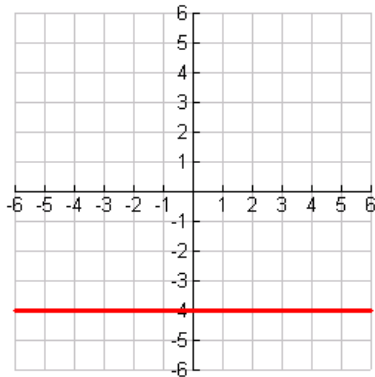
2] 7.2

4] $\frac{1}{6}$

6] $\frac{1}{32}$

8a] $y = \frac{1}{2}x + 3$ b] $x = 3$

10]



12] 7.0×10^{-9}

14] $x^2(1 - 3y)(1 + 3y)$

16] $(k - 2m)(k + 2m)$

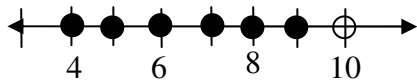
18] $2(x - 2)(x - 2)$

20] $2(x + 5)(x + 5)$

22] $a(x - 6)(x - 6)$

24] $N_b = 100; N_N = 400$

26]



28] $92\sqrt{3}$

30] $768\pi \text{ in}^2 \approx 2412.743$