

Alg I Even Answers

PS 16: 2] a] sum b] difference] c] product d] quotient 4] $\frac{100}{2.54}$ inches 6] 84 in.
8] $A = 81\pi \text{ yd}^2$ 10] -2 12] 0 14] 18 16] 20 18] -3 20] 0
22] $-1\frac{5}{6} = \frac{-11}{5}$ 24] $P = 34 + 10\pi \text{ m}^2$ 26] Shaded $A = 240 - 36\pi \text{ m}^2$ 28] $2\frac{3}{4} = \frac{11}{4}$
30] $SA = 108$ square km.

PS 17: 2] A numerical coefficient of an expression is when the coefficient is a numeral only.
4] Commutative Property of Multiplication 6] $\frac{500}{(100)^2} \text{ meters}^2 = .05$ 8] 5 meters
10] 35 12] $abmx - bmx$ 14] $2ax + 2bcx$ 16] 10 18] 22 20] 0
22] -2 24] -48 26] $\frac{-18}{0} = \text{Undefined}$ 28] $A = 40 + 8\pi \text{ yd}^2$ 30] $SA = 24\pi \text{ cm}^2$

PS 18: 2] Like Terms have the same variable and the same exponents 4] $a(b + c) = ab + ac$
6] $\frac{1250}{(12)^2} \text{ feet}^2$ 8] $A = 81\pi \text{ ft}^2$ 10] $-x - 4 + xy$ 12] $3xy - 6mx$ 14] 27
16] 0 18] -162 20] -7 22] -21 24] $-\frac{2}{3}$ 26] $A = 54 \text{ cm}^2$
28] 3.8 30] $SA = 1660$ square inches

PS 19: 2] Positive Number 4] $\frac{10000}{12(5280)} \text{ miles}$ 6] width = 4 cm 8] 16
10] 0 12] 2 14] -288 16] $-6mxy - my$ 18] $4x - apx$ 20] $8ck - 4ak + 12km$
22] 64 24] -9 26] 143 km 28] $2\frac{3}{5} = \frac{13}{5}$ 30] $SA = 408$ sq ft.

PS 20: 2] No 4] $\frac{50(100)}{2.54} \text{ inches}$ 6] 41 inches 8] 18 10] -16
12] -3 14] -144 16] $3 + x - 2xy$ 18] $3x + 12$ 20] $2ax - 6px + 4x$
22] 39 24] 36 26] $P = 20 + 8\pi \text{ cm}$ 28] Shaded Area = 60 sq km. 30] $V = 450 \text{ ft}^3$