

PS 11: 2] Multiplicative Inverse 4] Yes 6] Obtuse Angle = Larger than 90° and Smaller than 180°

8] $40(100)^2 = 400000 \text{ cm}^2$ 10] 4 ft 12] 4

14] 1 16] 22 18] 0 20] -16 22] 7 24] $\frac{2}{3}$

26] $38 + 4\pi \text{ cm}$ 28] 35 sq meters 30] $18\frac{1}{5} = \frac{91}{5}$ feet

PS 12: 2] Multiplicative Inverse 4] No 6] $80(12)(2.54) \text{ cm}$ 8] 3 cm

10] -2 12] 28 14] 79 16] 42 18] -27 20] -31

22] 8 24] 10 26] $26 + 5\pi \text{ km}$ 28] 30 inches 30] 60

PS 13: 2] a] $\frac{1}{3}$ b] $-\frac{1}{3}$ c] 1 4] Zero, Undefined 6] $60(5280)(12) \text{ in.}$

8] 7 cm 10] -2 12] -12 14] 18 16] -13 18] -16 20] $24\frac{3}{5} = \frac{123}{5}$

22] -20 24] indeterminate 26] 230 feet 28] $48 + \frac{9\pi}{2} \text{ ft}^2$ 30] $11\frac{2}{3} = \frac{35}{3}$

PS 14: 2] The value of an expression is the number it represents. 4] Positive Number

6] $\frac{300(2.54)}{100} \text{ meters}$ 8] 4 inches 10] 12 12] -30 14] 13

16] -70 18] -11 20] -3 22] -126 24] 12 26] 600 sq cm.

28] 60 sq meters 30] 0.06

PS 15: 2] a) 3 b) -3 c) 1 4] Zero. Division by zero is undefined.

6] $60(1000)^2 = 60000000 \text{ m}^2$ 8] 54 sq. m 10] 8 12] 14

14] -9 16] 1 18] -11 20] -17 22] -21 24] $1\frac{1}{4} = \frac{5}{4}$

26] $70 + \frac{25\pi}{2} \text{ ft}^2$ 28] $-1\frac{1}{2} = -\frac{3}{2}$ 30] 208 sq. cm.