

PS 21: 2] $a(b+c)=ab+ac$ 4] $\frac{366}{(2.54)(12)ft}$ 6] 19 cm 8] x^6y^4 10] k^6y^7

12] $5xyz - 3yz$ 14] $8ab^2 - 3ab$ 16] $10-20p$ 18] $3a-2ab$ 20] -1 22] -35

24] 0 26] 190 in 28] $-\frac{3}{4}$ 30] $78\pi yds^2 = 244.93 yds^2$

PS 22: 2] Root of solution 4] $72(2.54) cm$ 6] 17 cm 8] 1 satisfies the equation

10] x^5y^5 12] $p^6m^6y^3$ 14] $-4+py-y$ 16] $-3xy+2xy^2$ 18] $3ax-2a$

20] $8ax+2bx-6mx$ 22] 13 24] -37 26] $(12+2\pi)km = 18.28km$ 28] $(150-25\pi)ft^2 = 71.5ft^2$

30] $270in^3$

PS 23: 2] equivalent equations have the same solution set 4] $150(100) cm$ 6] 11 in

8] 14 10] $-\frac{15}{8}$ 12] 3 is a root of the equation 14] $m^2x^4y^3$ 16] $-9+2x$

18] $4ax+8bx$ 20] $4mpyx-12abpx$ 22] -30 24] -16 26] $26+12\pi yds = 63.68$

28] $10\frac{1}{2}$ 30] $24m^2$

PS 24: 2] (b.), (c.) 4] $280(5280)(12) in$ 6] $216cm^2$ 8] 2

10] $\frac{9}{8}$ 12] $\frac{17}{10}$ 14] $\frac{3}{2}$ 16] 2 18] $m^2p^2x^4y^6$ 20] $-7a+8$

22] $3axy+5pxy$ 24] 2 26] -21 28] $76in^2$ 30] $1520cm^3$

PS 25: 2] A) subtraction B) addition C) division D) multiplication 4] $\frac{1500}{(100)^2}m^2$

6] 8 8] $\frac{5}{3}$ 10] 4 12] -6 14] 0.7 16] -2 and 4 roots of the equation

18] $a^8b^5x^5$ 20] $-a^2x^2$ 22] -3 24] -43 26] $15+\frac{5\pi}{2}m$ 28] 22 30] $468in^2$