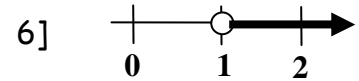


Algebra One Even Answers

PS 41: 2] 20

$$4] \frac{40(100)}{(2.54)(12)} \approx 131.234 \text{ feet}$$



8] $2 \cdot 3 \cdot 3 \cdot 3 \cdot 5 = 2 \cdot 3^3 \cdot 5$

10] $\frac{3}{4}$

12] -5

14] -5

16] $2xy^2(x - 3x^3 - 6y^3)$

18] $1 - k$

20] $\frac{x}{y^4p^2}$

22] $\frac{b}{a} - \frac{2b^3}{a^3}$

24] $-2m^2y^{-2}$

26] 17

28] -1

30] $56\pi \text{ cm}^2$

PS 42: 2] 5

$$4] \frac{58}{(2.54)^2(12)^2} \approx .062 \text{ ft}^2$$

6] $x > 1, x \neq 1$

8] -15

10] 5.05

12] 2

14] $-x + \frac{5}{3}$

16] $2x^2m^3y(2m^2 - x^2y^2)$

18] $1 - 3xy$

20] $\frac{xy^8}{m^5}$

22] $\frac{x^5}{z^6} - 3$

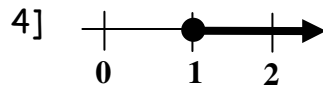
24] xy^5

26] -2

28] $\frac{5}{9}$

30] $2000\pi \approx 6283.185 \text{ in}^3$

PS 43: 2] 4



6] -20

8] -30

10] 0

12] $-\frac{1}{3}x + \frac{4}{3}$

14] 1200

16] $mk(6mk^4 - 2k^2 - 1)$

18] $4x - 8$

20] $\frac{1}{x^9y} = x^{-9}y^{-1}$

22] $1 - 3m^4z$

24] $3my^2 - \frac{4m^2y^2}{x^2}$

26] 18

28] $\frac{10}{3}$

30] $152 + 24\pi \approx 227.398 \text{ ft}^2$

PS 44: 2] 7

4] 169 sq. in.

6] $2 \cdot 2 \cdot 2 \cdot 3 \cdot 7 = 2^3 \cdot 3 \cdot 7$

8] $2\frac{1}{2} = \frac{5}{2}$

10] $\frac{3}{8}$

12] -7

14] $\frac{3}{4}x + 2$

16] $12w^2y^3$

18] $\frac{9b + 3a + ab}{3ab}$

20] $5 - 25xy$

22] $a^{-1}k^{-3}p = \frac{p}{ak^3}$

24] $\frac{y^{-3}}{a^{-2}x^{-2}} = \frac{a^2x^2}{y^3}$

26] $-3\frac{1}{3} = -\frac{10}{3}$

28] undefined

30] $3\frac{5}{6} = \frac{23}{6} \text{ mi}$