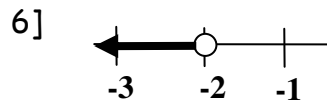


# Algebra One Even Answers

**PS 45:** 2] Range=Median = 7, Mode=6, Mean = 7.571      4] a]  $r = \sqrt{\frac{36}{\pi}} \approx 3.385$

4b]  $C \approx 21.269$  cm



8] 20

10] 8

12] 13

14]  $\frac{2}{5}x + \frac{4}{5}$

16]  $24a^4m^3x$

18]  $\frac{20y + 4x + xy}{4xy}$

20]  $1 - 2kp$

22]  $\frac{b^4}{a^2}$

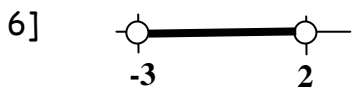
24]  $-2x^2y^{-2}$

26]  $\frac{1}{9}$

28] 5

30]  $192 + 16\pi \approx 242.265$  in<sup>3</sup>

**PS 46:** 2] Range = 34, Median=83, Mode=83, Mean=83.667      4] 60



8] -55

10]  $x = -1.7$

12] 26

14]  $\frac{1}{2}x + \frac{5}{2}$

16]  $30x^5y^4z^2$

18]  $\frac{ad + 20d^2 + 4b}{4d^3}$

20]  $a - 2b$

22]  $x^8y^8$

24]  $m^2y^2 + \frac{m^2}{xy^2}$

26]  $-\frac{9}{4}$

28] -1

30]  $1368 + 216\pi \approx 2046.584$  cm<sup>2</sup>

**PS 47:** 2] 19      4] a] 8 cm    b]  $64\pi \approx 201.062$  cm<sup>2</sup>      6] 98

8] 90

10] -460

12] 0

14]  $x + 2$

16]  $2c^3$

18]  $\frac{16 + c + 20a}{4a}$

20]  $4a - xy$

22]  $\frac{m^8p^6}{y^7}$

24]  $k^5m^2$

26]  $-\frac{161}{243}$

28] 20

30]  $560 + 56\pi \approx 735.929$  in<sup>3</sup>

**PS 48:** 2] Range = 10, Median=7.5, Mode=11, Mean=7.5      4] 242 sq. in.      6] 60

8]  $3 \cdot 3 \cdot 5 \cdot 7 = 3^2 \cdot 5 \cdot 7$

10] 5

12] -3

14]  $-3x + 3$

16]  $\frac{31}{30}$

18]  $5x^3 + 3x^2 + 4$

20]  $xy - 1$

22]  $\frac{k^3}{p^8}$

24]  $\frac{m}{y}$

26]  $-\frac{64}{9}$

28] 0      30]  $x = 20, y = 20$ , angles opposite = sides are equal