

[1] 4 and 5

[2] 28, 36

[3] 32, 38

[4] -18, -14

[5] 3

[6] 4 and 5

[7] 14, 18

[8] 78, 82

[9] -9, -7

[10] 3

[11] 7 and 8

[12] 3, 7

[13] 43, 53

[14] a) true b) false c) false d) true

(a) true

[15] (b) true

(a) rational

[16] (b) rational, integers

(a) rational, integers, natural

[17] (b) rational, integers, natural

[18] 731 cm³

[19] 500 in.²

[20] (4, -2)

[21] (-4, -4)

[22] $\frac{1}{x^8 z^8}$

$$[23] \frac{x^{29}}{8y^{18}p^{26}}$$

$$[24] 36\left(\frac{1}{2.54}\right)^3\left(\frac{1}{12}\right)^3 \text{ ft}^3$$

$$[25] \frac{3s + 6t}{st + t^2}$$

$$[26] \frac{5u^2 - 9uv + 4v^2 + 4u^2v}{u^3v - u^2v^2}$$

$$[27] 31 \text{ pounds}$$
