

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

(a) false

[2] (b) true

(a) irrational

[3] (b) rational, integers

(a) irrational

[4] (b) rational, integers, natural

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

(a) false

[6] (b) true

(a) rational, integers

[7] (b) irrational

(a) rational

[8] (b) irrational

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

(a) false

[10] (b) false

(a) irrational

[11] (b) rational, integers

(a) irrational

[12] (b) rational, integers

[13] 358 m²

[14] 288 in.³ and 336 in.²

[15] 715 yd²

[16] (4, -2)

[17] (0, -3)

[18] 290 members

[19] \$1240.26

[20] 6500

[21] $\$129,150$ _____

[22] $\frac{y^2z^3 + 3x}{xz^3}$ _____

[23] $\frac{y^2 + w^2xyz^2}{xy^3}$ _____

[24] $fh + gh$ _____

[25] $\frac{js + j^2}{st}$ _____