Round 1 Analytic Geometry: Anything

A) 19 B) (16, 2) C) $-\dfrac{8\sqrt{7}}{3}$

Round 2 Alg: Factoring

A) $3, -\dfrac{7}{2}$ B) $(19,17),(11,7),(9,3)$ in any order C) $\left(x^2+y^2\right)(x-1)(x+1)$ or $\left(x^2+y^2\right)\left(^-1+x\right)(1+x)$ in any order

Round 3 Trig: Equations

A) π B) 330 C) 8

Round 4 Alg 2: Quadratic Equations

A) 361 B) –64 C) (5, 2, 5) and (2, –1, –1)

Round 5 Geometry: Similarity

A) 26.25 or $\left(\dfrac{105}{4}\right)$ B) 1 : 2 C) 25

Round 6 Alg 1: Anything

A) 22 B) $(-7,2,15)$ C) 900

Team Round

A) $\sqrt{3}$ D) 7

B) $-3 \le x < 0$ or $x \ge 2$ E) $\dfrac{2\sqrt{3}}{3}$

C) $\dfrac{\pi}{12}, \dfrac{5\pi}{12}, \dfrac{7\pi}{12}, \dfrac{11\pi}{12}$ F) 6