

Round 1

- 0
- Hyperbola
- $\left(\frac{1}{3}, \frac{10}{3}\right)$
- No

Round 2

- 23
- 2008
- $4x - 5$
- No

Round 3

- 2010
- $\begin{pmatrix} -3 \\ 2 \end{pmatrix}$
- 12
- No

Round 4

- $\left(\frac{2+\sqrt{2}}{4}\right)$ or $\frac{1}{2} + \frac{\sqrt{2}}{4}$
- $\sqrt{2}$
- $\sin A = \frac{7}{8}$
- 8

Round 5

- 1
- 1024
- 0
- 0

Round 6

- 280
- 45
- 1
- 225

Round 7

- $-\frac{24}{25}$
- $\frac{4\pi}{3}$
- $4\sqrt{2} + 4\sqrt{6}$ or $4(\sqrt{2} + \sqrt{6})$ or $4\sqrt{2}(1 + \sqrt{3})$
- 120

Round 8

- 3
- 2
- 1
- $\ln 2$

Round 9

- $\tan \theta$
- $\sec \theta$
- $\cot \theta$
- $\csc \theta$

Round 10

- $\frac{5}{16}$
- $\frac{1}{8}$
- 184,756
- $\frac{2}{3}$