

Round A

1. B
2. D
3. A
4. C
5. B
6. D
7. B
8. E
9. D
10. E
11. D
12. A
13. C
14. E
15. D

Round B

1. $(12, 4, 10)$ and $(-12, -4, -10)$ (both must be present, and no others).
2. 2
3. 744
4. 7770
5. 2
6. 60° ($\pi/3$ is also acceptable).
7. 182
8. 782