

Problem Set 22

2. -4320

4. a) parabola
b) circle
c) hyperbola
d) ellipse

6. -1.4

8. $y = 0, x = 3$

10. $(-1.3776, 3.7553)$
 $(2.1776, -3.3553)$

12. $\frac{2}{x^2}$

14. $x = \frac{1}{2}$

16. 90°

18. $x = \frac{2\sqrt{3}}{3}h$

20. 1

22. $x = \frac{36}{5}, y = \frac{27}{5}, z = \frac{48}{5}$

24. 540°