

1. $(2 - a) \cdot x^3 + (1 - 2a) \cdot x^2 - 6x + (5 + 4a - a^2) < 0$
 $[-1; 2].$

2. $x^2 + 5y^2 + 34z^2 + 2x - 10y - 22z = 0.$

3. $D, AD = R.$ $R,$
 $)$ $BEF,$ $R = 2$ $CD = 10.$ $E F.$
 $)$

4. $10,$
 $50,$
 $15,$
 1

5.
 ?