<u>Original</u>

-k

1) $-(x-3)^2-3$

2) $(x+4)^3-4$

3) $\sqrt{(x-3)}+4$

4) $-(x-2)^2+2$

5) $(x-3)^3+3$

6) $\sqrt[3]{(x+5)}+6$

7) $|x-6|+5$

8) $\sqrt[3]{(x-4)}+6$

9) $\sqrt{(x+6)}+4$

10) $(x+9)^3-3$

11) $(x-8)^2+2$

12) $\sqrt[3]{(x+3)}-6$

13) $\sqrt{(x-6)}+7$

14) $-(x-6)^3+7$

15) $-(x+7)^3-6$
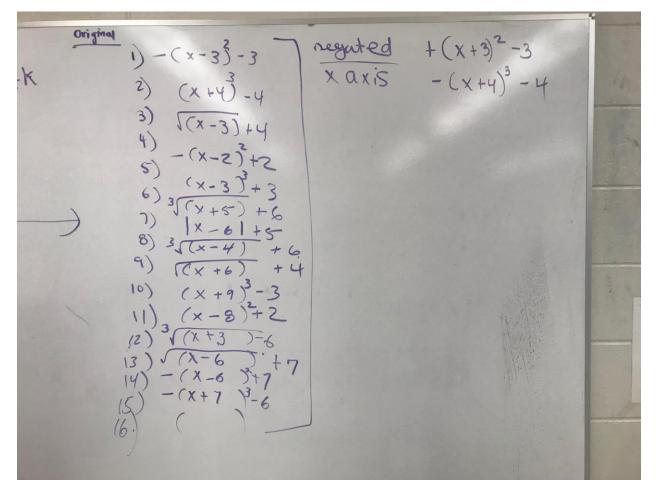
16) (   )

<u>reguted</u> $+(x+3)^2-3$

x axis $-(x+4)^3-4$

1) Graph the original on mathematica using the plot command.

2) Reflect all 14 equations over the x-axis
For example number 1 is – (x-3)^2 -3 over the x axis
it would be + (x-3)^2 -3