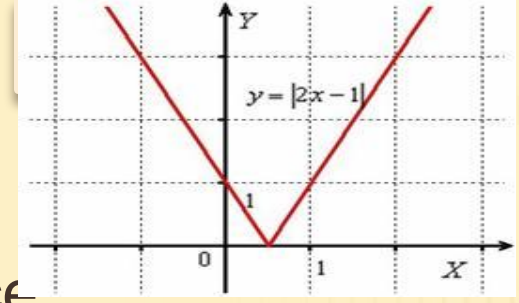
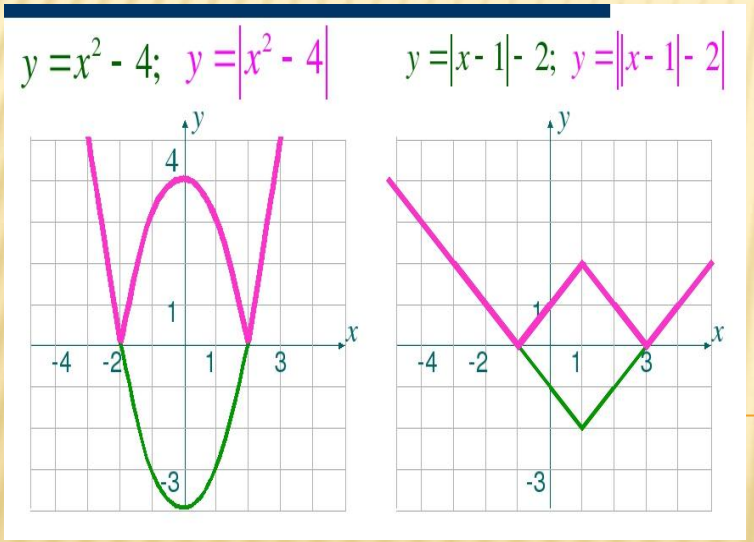


Урок алгебры в 9 классе

«ПОСТРОЕНИЕ ГРАФИКОВ ФУНКЦИЙ y=|f(x)| и y=f(|x|)

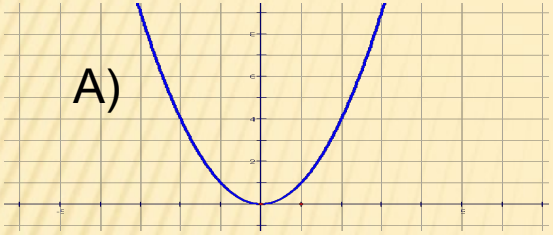


Учитель математики БурмистроваТ.В.
МБОУ «СОШ №5» Ступино

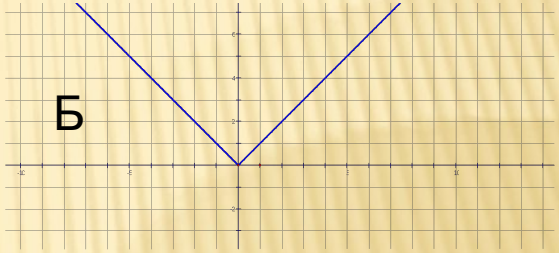
ПОСТАВЬТЕ В СООТВЕТСТВИЕ

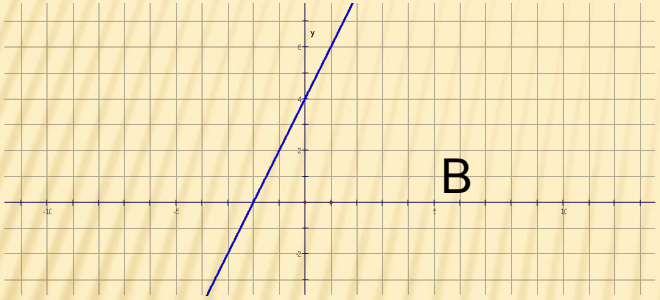
КАЖДОМУ ГРАФИКУ ФУНКЦИЮ

А)



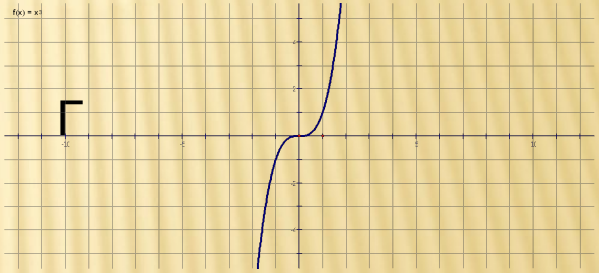
Б





В

Г



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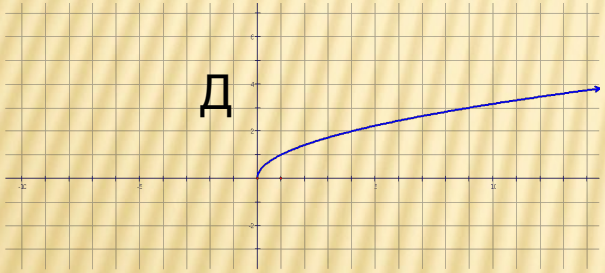

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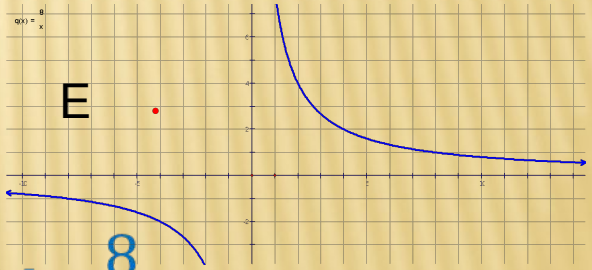
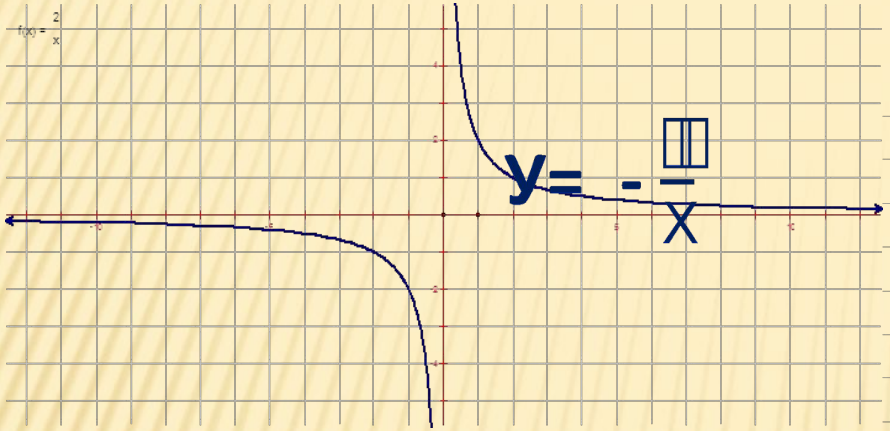
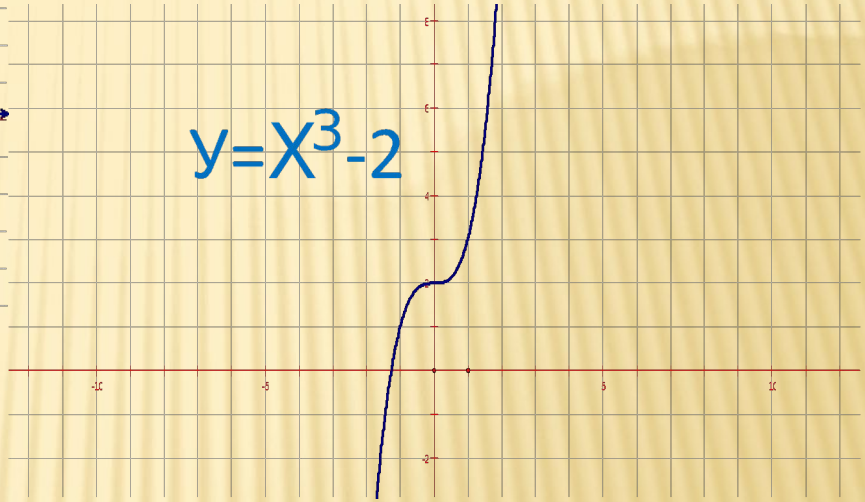


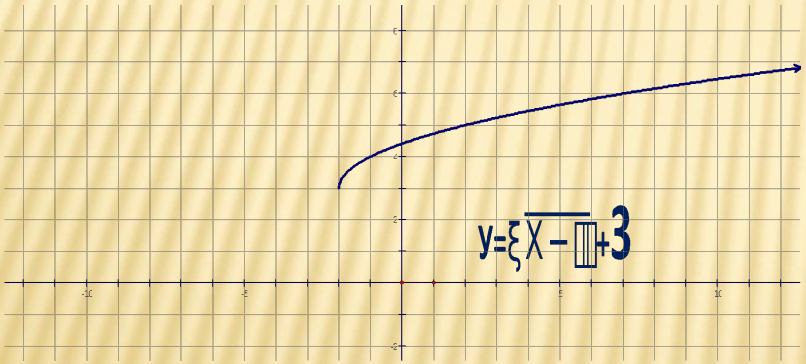
1) $У=\sqrt{X}$ 2)$У=2X+4$ 3)$У=\frac{8}{X}$

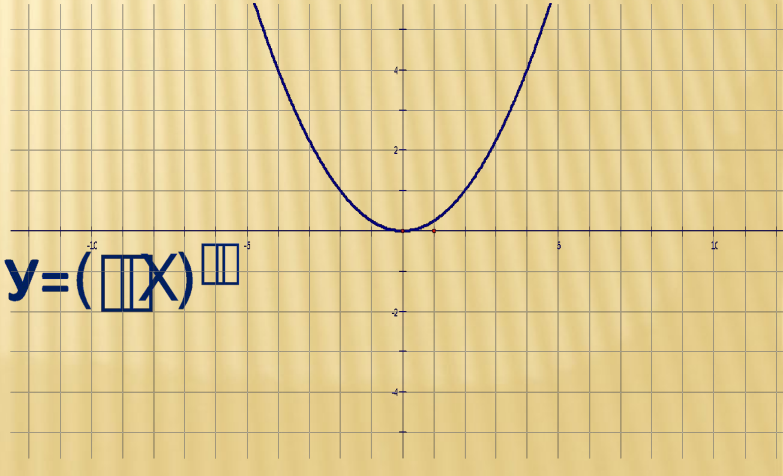
4)$У=X^2$ 5)$У=|X|$ 6)$У=X^3$

НАЙДИТЕ ОШИБКУ









ФУНКЦИИ ВИДА: $y=|f(x)|$ и $y=f(|x|)$

1) $y=|x|+4$

2) $y=|x^3-7|$

3) $y=\sqrt{x-12}+5$

4) $y=|x|^2+4|x|-9$

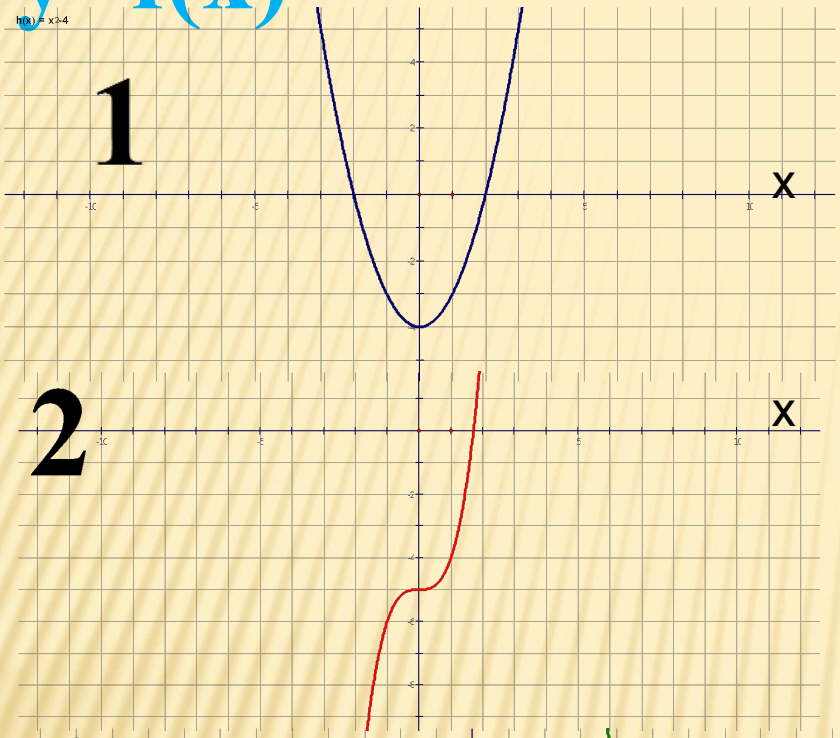
5) $y=\frac{78}{\sqrt{x}+3}$

6) $y=\left|\frac{83}{x-67}\right|$

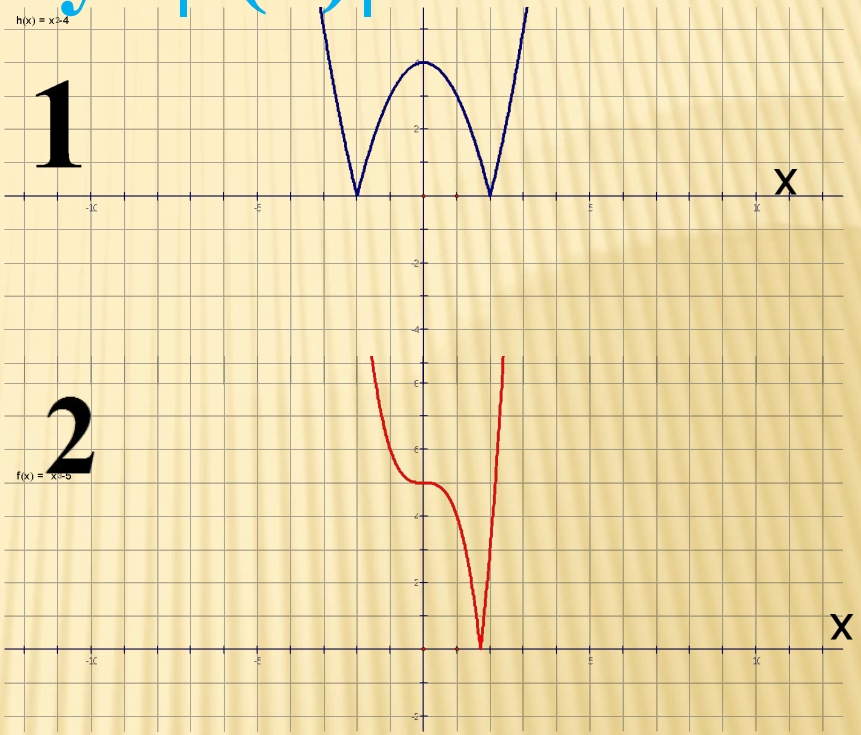
7) $y=|\sqrt{x-12}-5|$

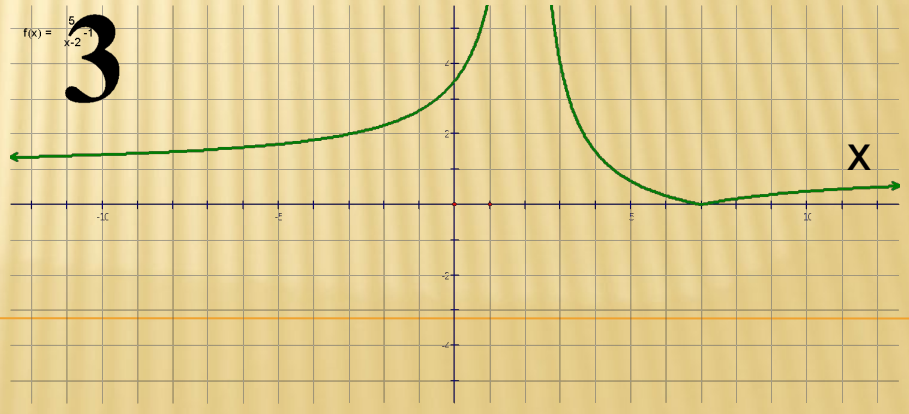
8) $y=|x|^3+15$

y=f(x)

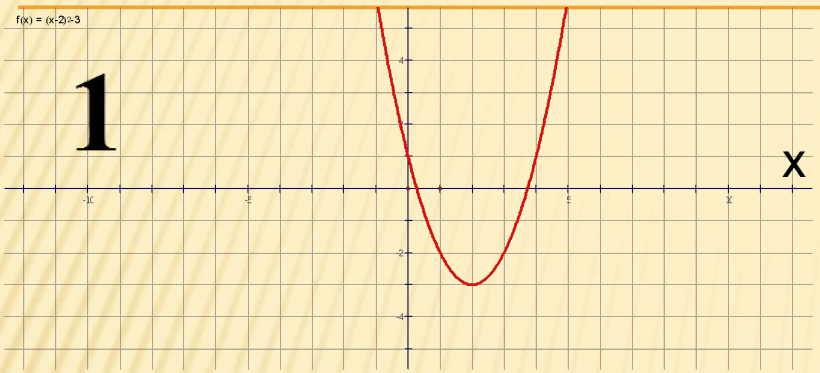


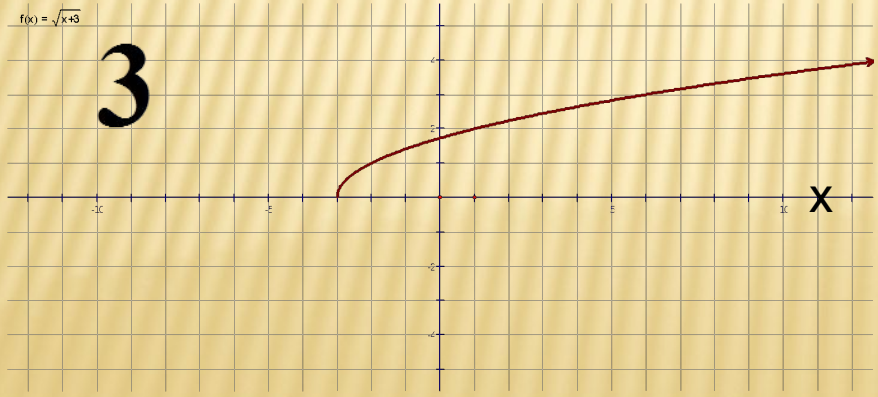
y=|f(x)|





y=f(x)





y = f(|x|)