

Investigating Domains

Name _____

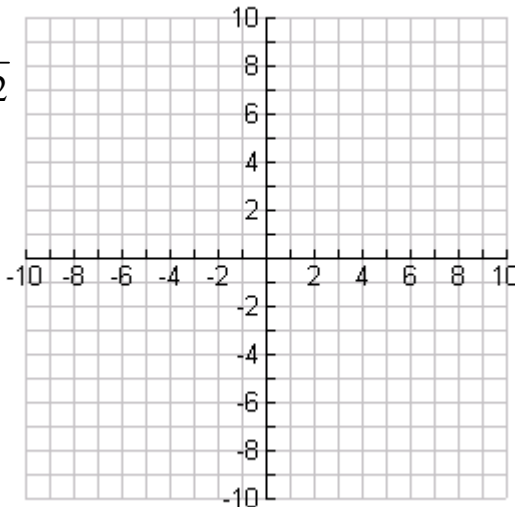


Using your graphing calculator, graph the following equations.

Look out for possible problems with the domains! State the domains.

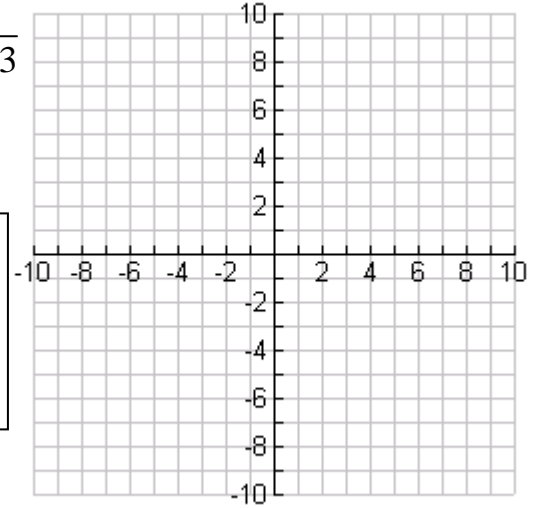
1. $y = \frac{3}{x-2}$

DOMAIN:



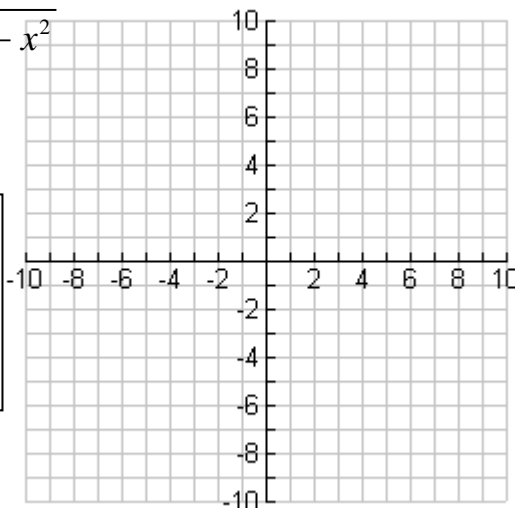
2. $y = \sqrt{x+3}$

DOMAIN:



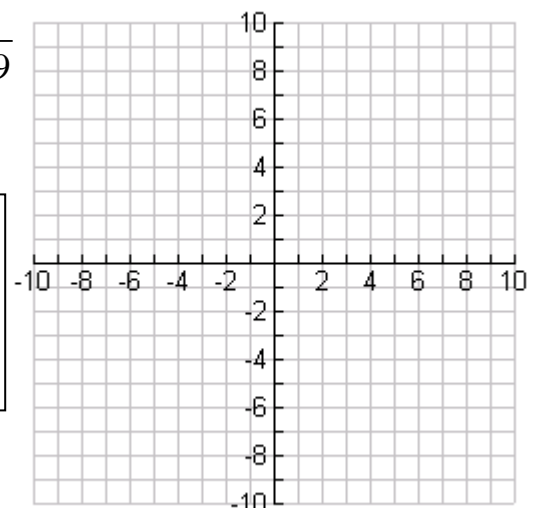
3. $y = \sqrt{25-x^2}$

DOMAIN:



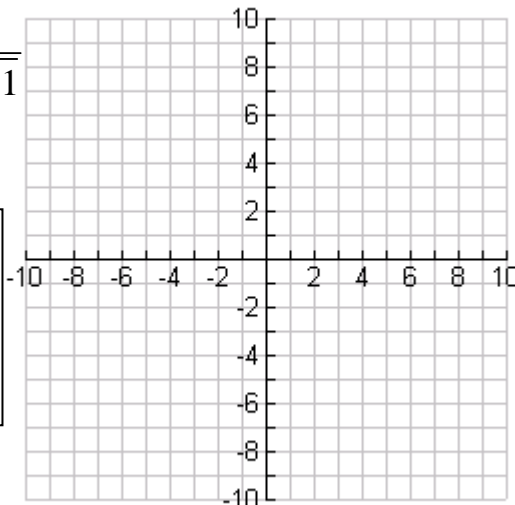
4. $y = \frac{7}{x^2-9}$

DOMAIN:



5. $y = \frac{2}{\sqrt{x-1}}$

DOMAIN:



6. $y = |x-4|$

DOMAIN:

