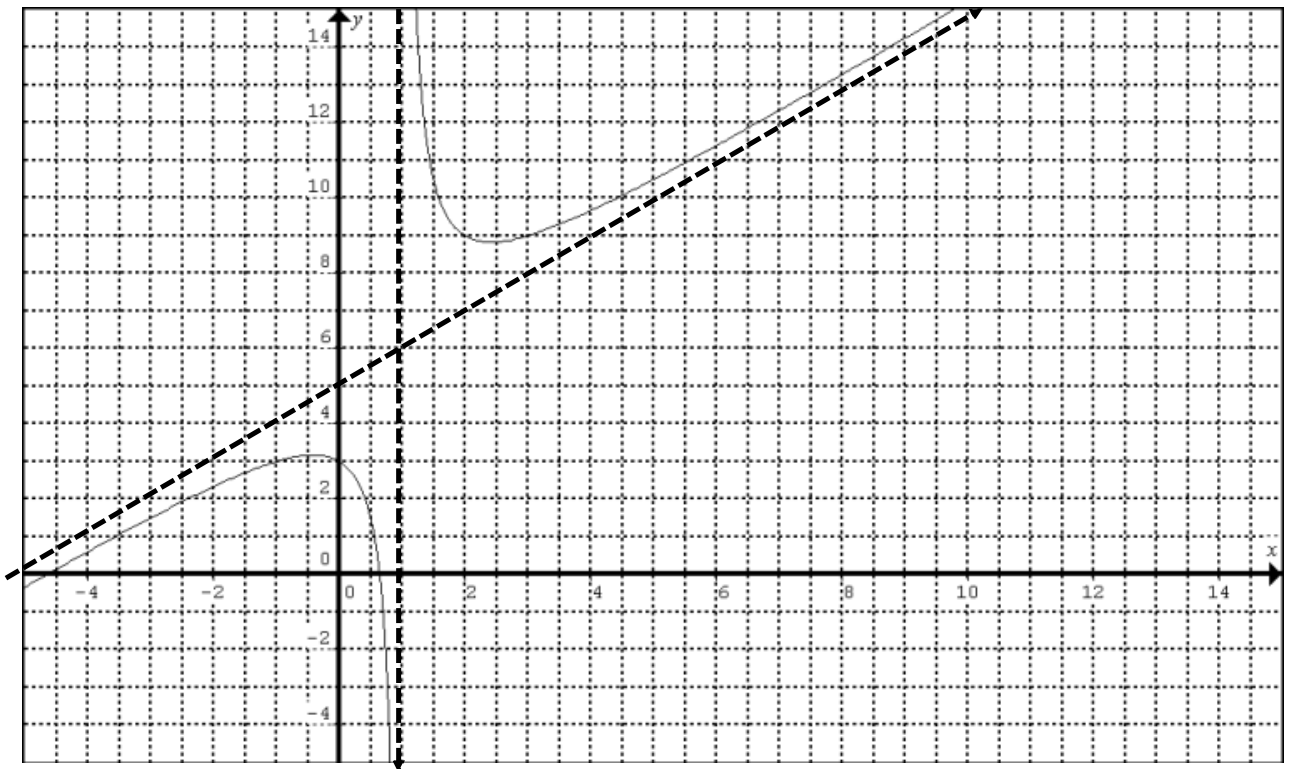
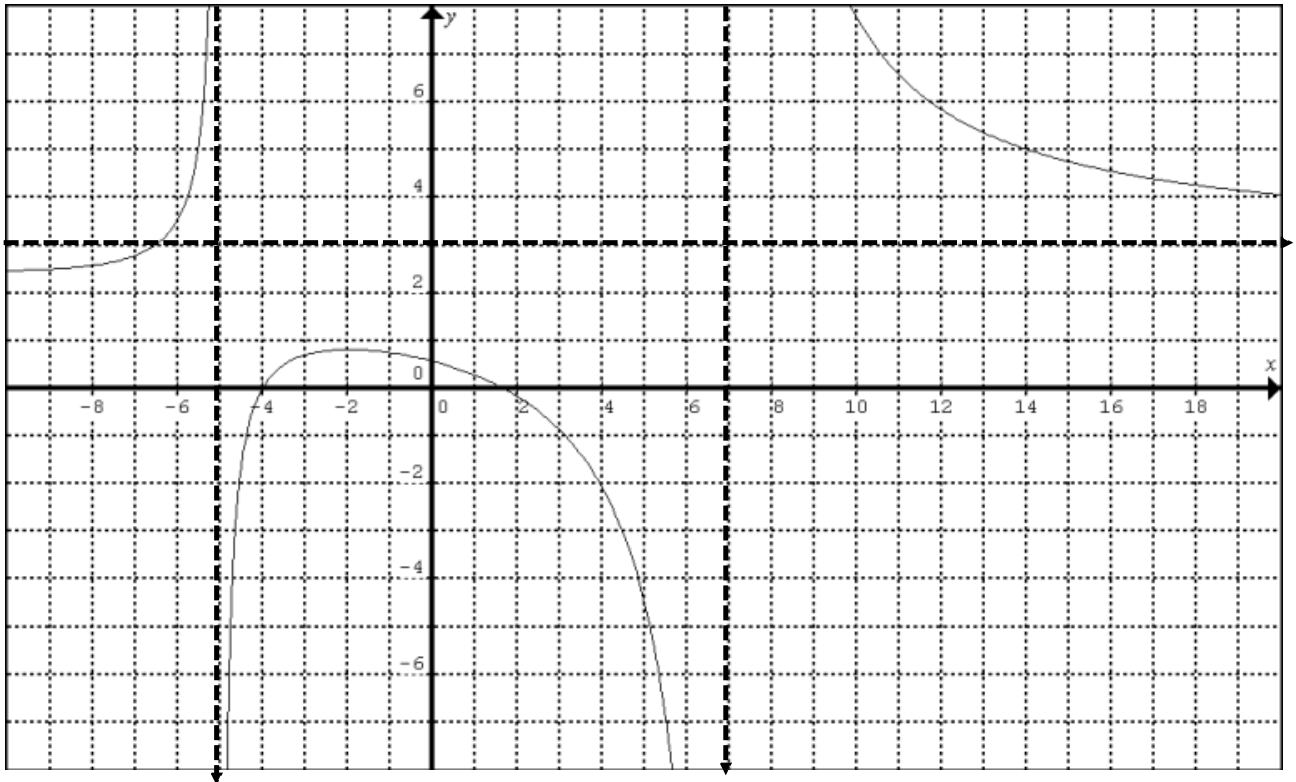
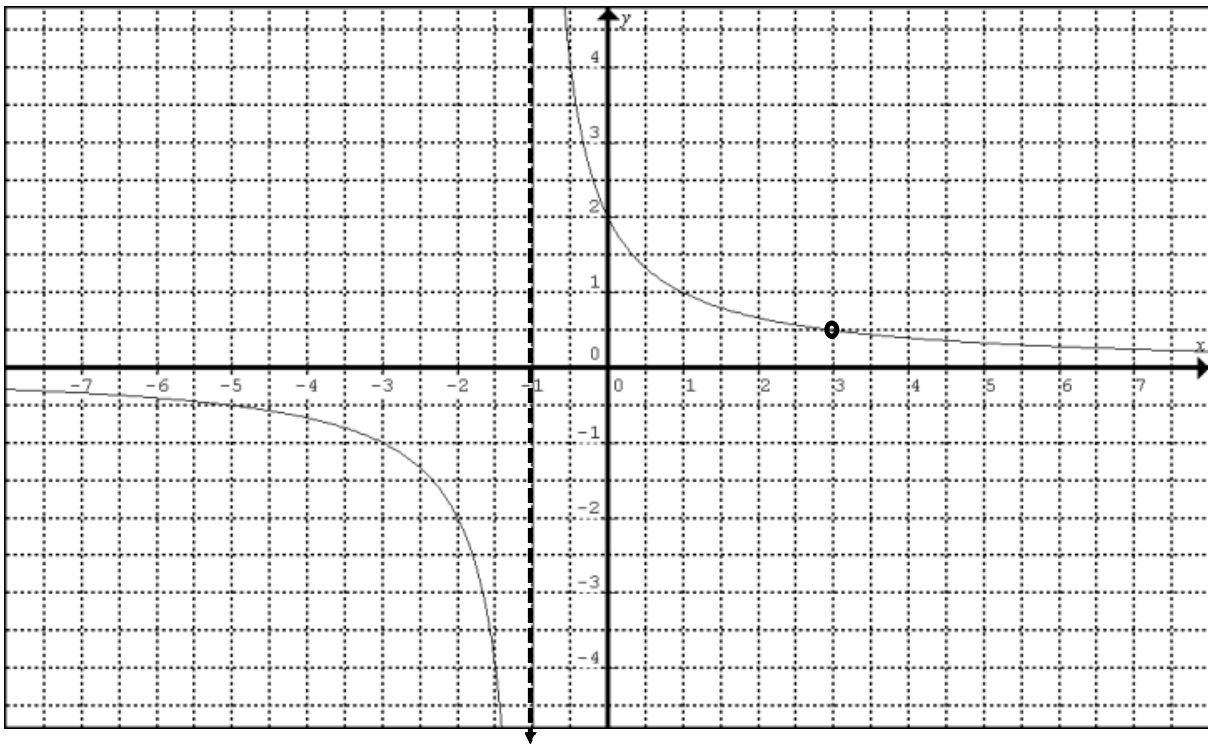
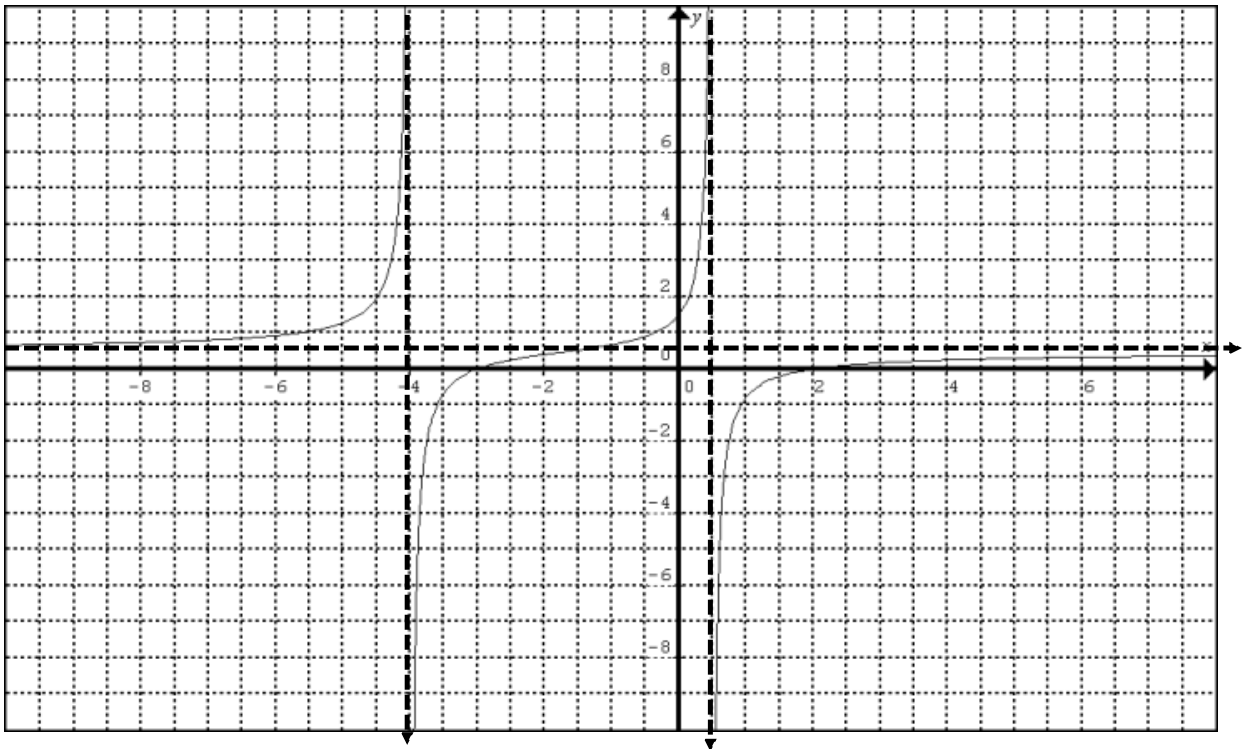


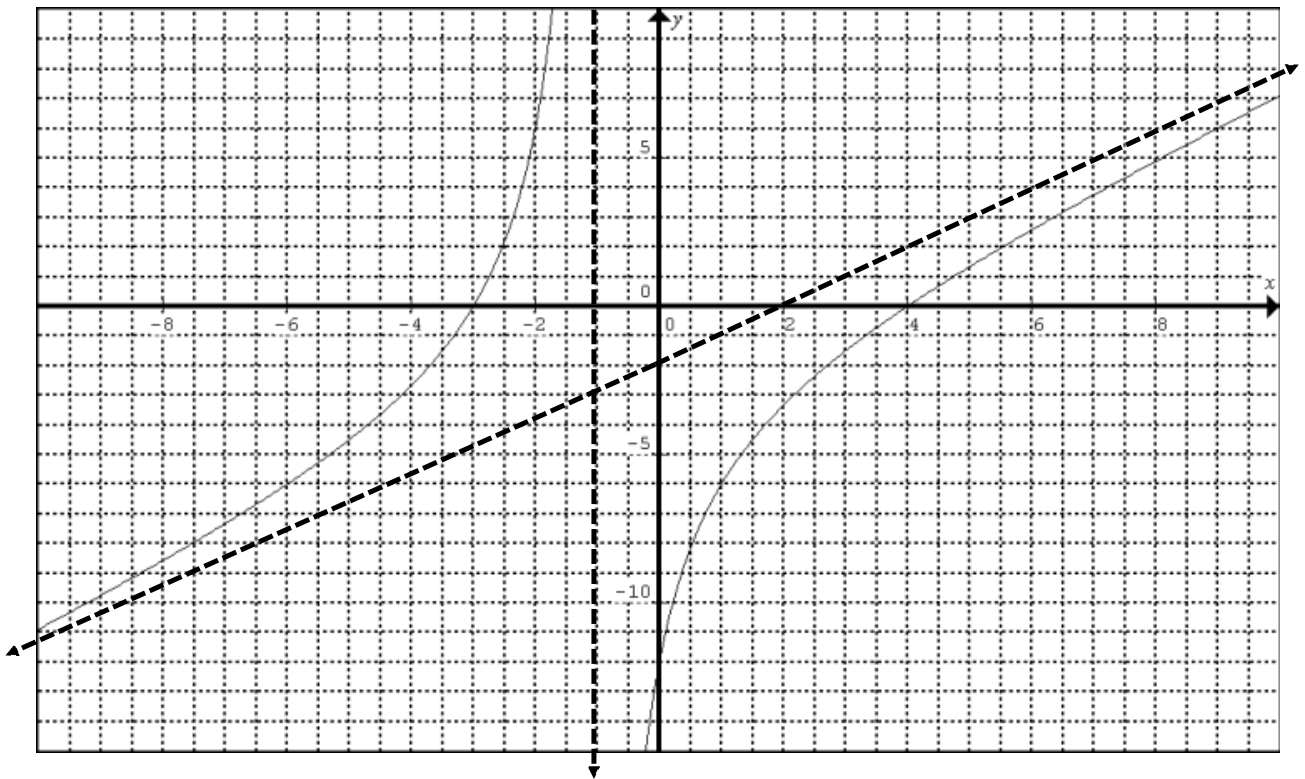
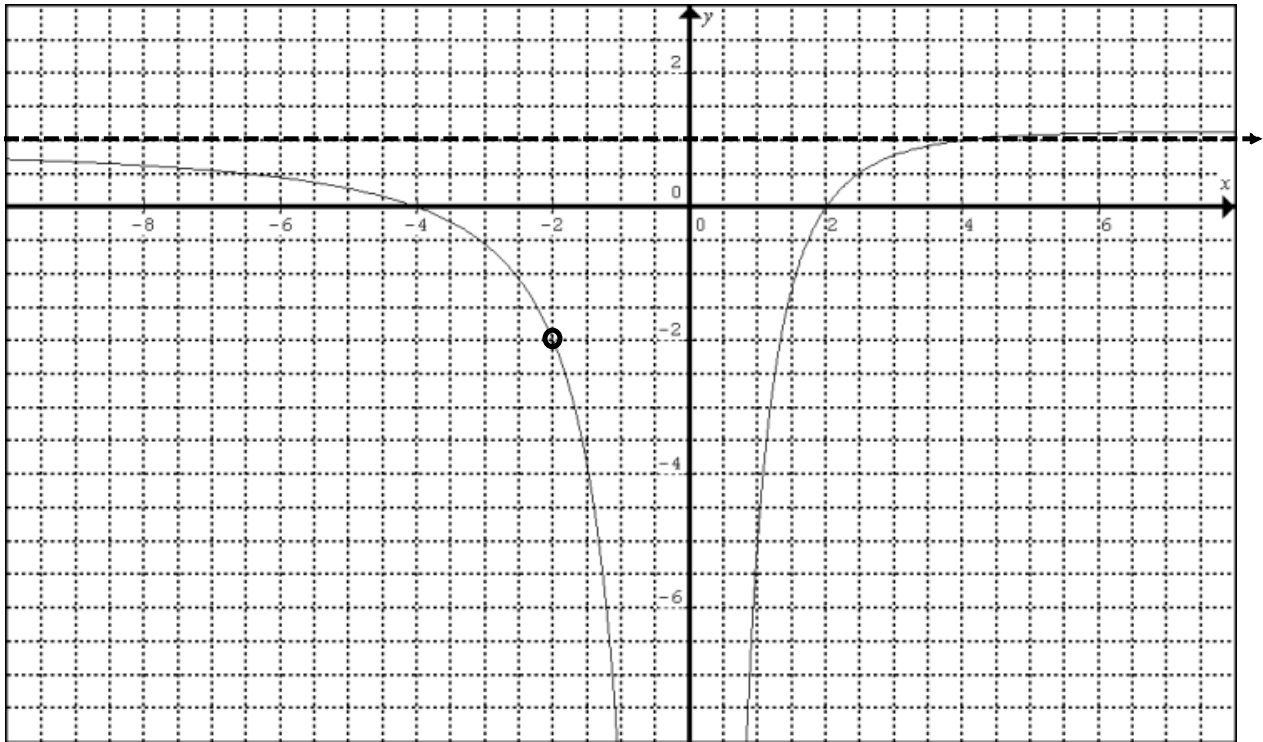
Rational Function Analysis - Worksheet Answers

1. VA at $x = -5$ and $x = 7$
HA at $y = 3$
Graph crosses HA at $(-6.5, 3)$
x-intercepts at $(5/3, 0)$ and $(-4, 0)$
y-intercept at $(0, 4/7)$
2. VA at $x = 1$
OA at $y = x + 5$
x-intercepts at $(0.65, 0)$ and $(-4.65, 0)$
y-intercept at $(0, 3)$
3. VA at $x = 0.5$ and $x = -4$
HA at $y = 0.5$
Graph crosses HA at $(-1.6, 0.5)$
x-intercepts at $(-3, 0)$ and $(2, 0)$
y-intercept at $(0, 1.5)$

4. VA at $x = -1$
POD at $(3, 0.5)$
HA at $y = 0$
y-intercept at $(0, 2)$
5. VA at $x = 0$
POD at $(-2, -2)$
HA at $y = 1$
Graph crosses HA at $(4, 1)$
x-intercepts at $(2, 0)$ and $(-4, 0)$
6. VA at $x = -1$
OA at $y = x - 2$
x-intercepts at $(-3, 0)$ and $(4, 0)$
y-intercept at $(0, -12)$







REVIEW:

p.209 - 210

1 (rearrange equation to look like $y = a/b$, then analyze...)

4, 6 a - c, 7, 11