

Name: ANSWERS

Date: _____

For each equation and graph, state the type of function or relation.

1. $y = \frac{1}{0.3(x+1)} - 2$

2. $y = -4|x+2| + 1$

3. $y = -\sqrt{3(x+2)} - 1$

4. $y = \sqrt{-0.4(x-4)} + 3$

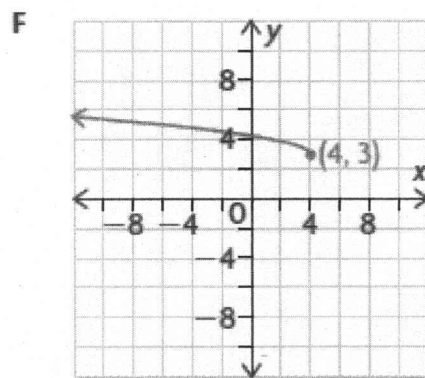
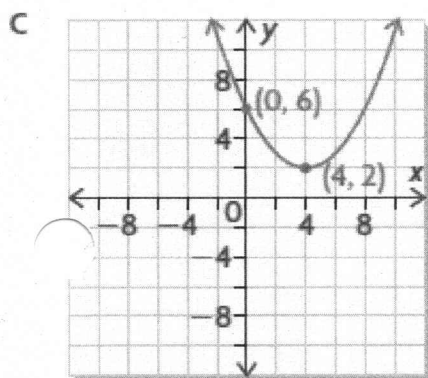
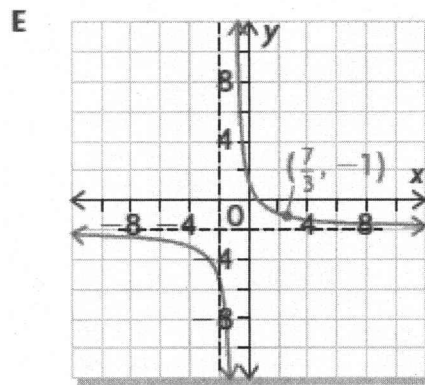
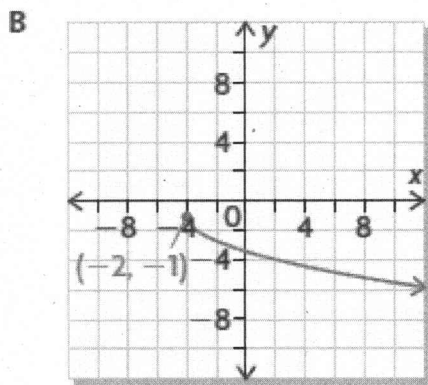
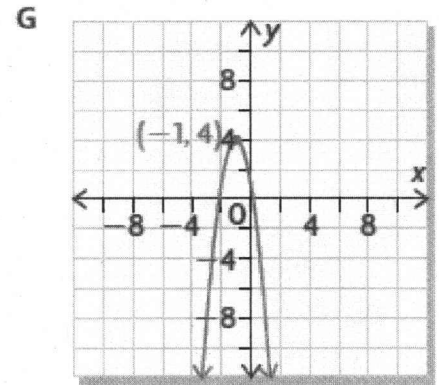
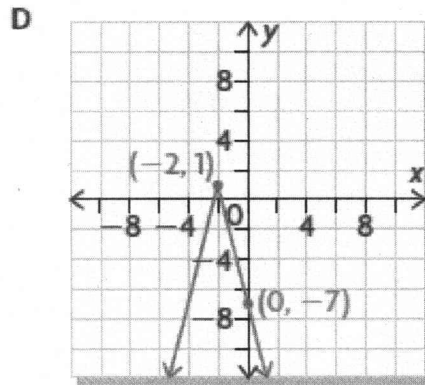
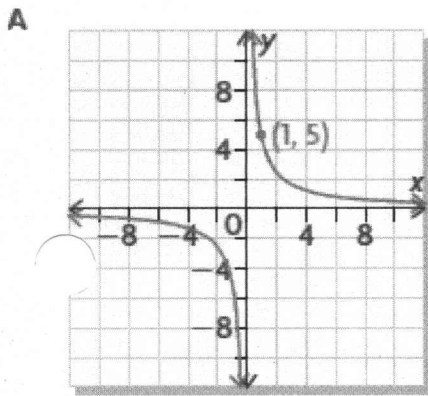
5. $y = (0.5(x-4))^2 + 2$

6. $y = \frac{5}{x}$

7. $y = -3(x+1)^2 + 4$

↑
QUADRATIC

1. RECIPROCAL	2. ABSOLUTE
3. ROOT	4. ROOT
5. QUADRATIC	6. RECIPROCAL



A. RECIPROCAL
B. ROOT
C. QUADRATIC
D. ABSOLUTE
E. RECIPROCAL
F. ROOT
G. QUADRATIC

a) $y = \frac{3}{-(x-2)} + 1$

e) $y = -\frac{4}{x} - 3$

b) $y = 2|x - 3| - 2$

f) $y = -0.5|x + 4| + 2$

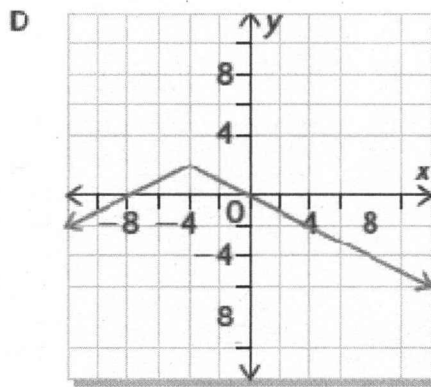
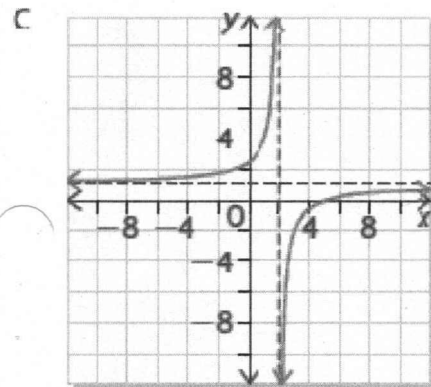
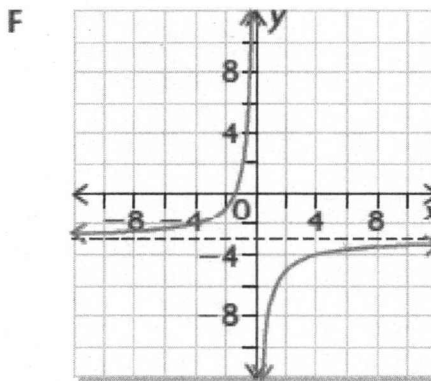
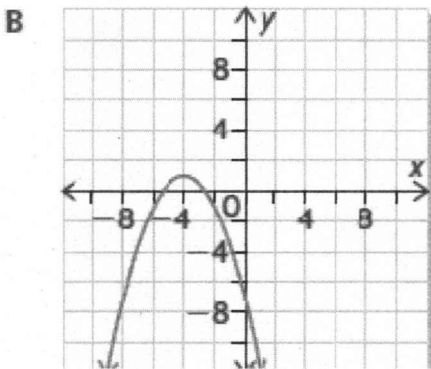
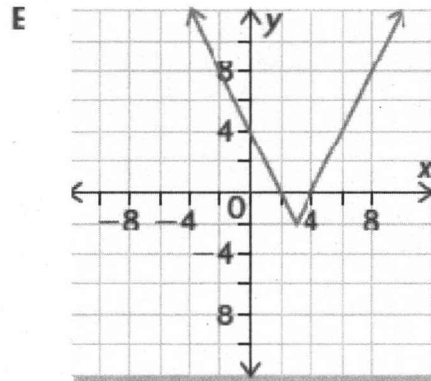
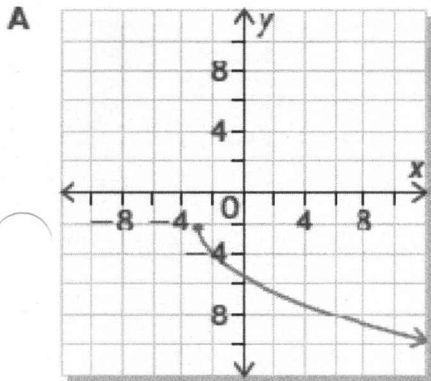
c) $y = -2\sqrt{x + 3} - 2$

g) $y = -0.5\sqrt{1 - x} + 1$

d) $y = (0.25(x - 2))^2 - 3$

h) $y = -\frac{1}{2}(x + 4)^2 + 1$

a. RECIPROCAL	b. ABSOLUTE
c. ROOT	d. QUADRATIC
e. RECIPROCAL	f. ABSOLUTE
g. ROOT	h. QUADRATIC



A. ROOT
B. QUADRATIC
C. RECIPROCAL
D. ABSOLUTE
E. ABSOLUTE
F. RECIPROCAL