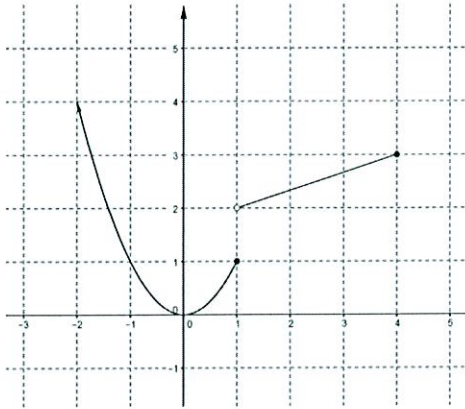


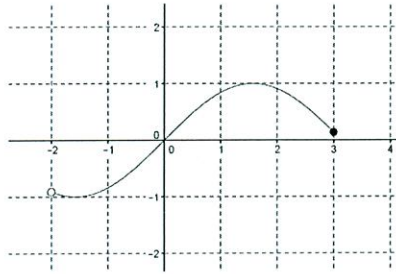
Dom Wksht: Find the domain of the following graphs and equations. Write your answer in interval notation.

1.



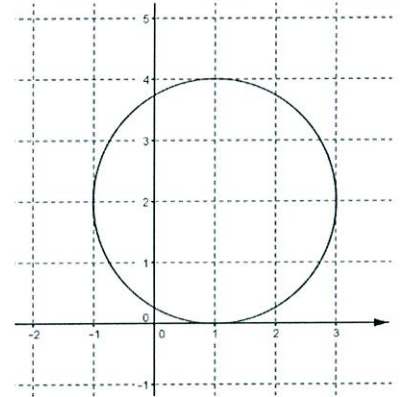
1. $(-\infty, 4]$
Function? yes

2.



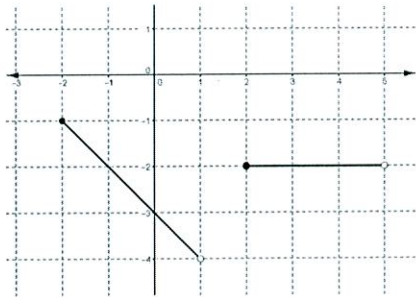
2. $(-2, 3]$
Function? yes

3.



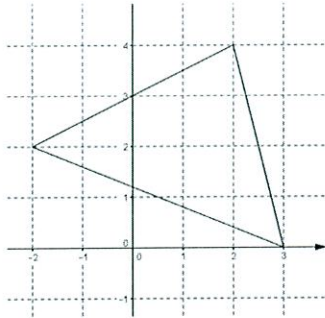
3. $[-1, 3]$
Function? no

4.



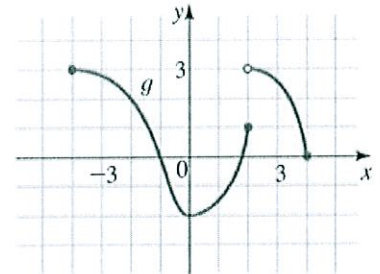
4. $[-2, 1) \cup [2, 5)$
Function? yes

5.



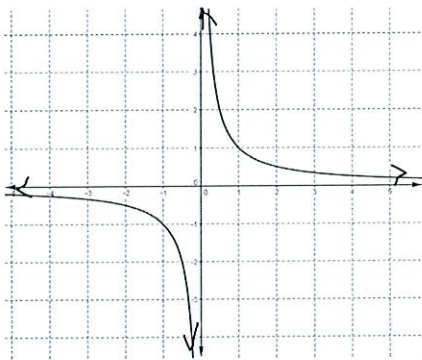
5. $[-2, 3]$
Function? no

6.



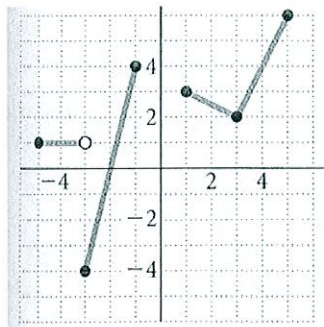
6. $[-4, 4]$
Function? yes

7.



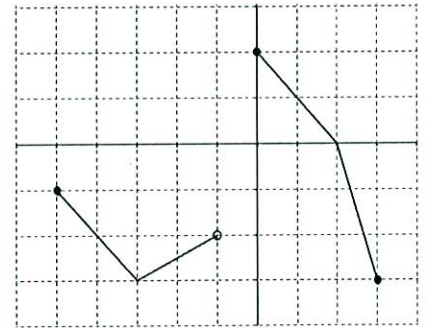
7. $(-\infty, 0) \cup (0, \infty)$
Function? yes

8.



8. $[-5, -1] \cup [1, 5]$
Function? yes

9.



9. $[-5, -1) \cup [0, 3]$
Function? yes

10. $f(x) = \sqrt{3x-18}$ $[6, \infty)$

11. $f(x) = x^2 + 2$ $(-\infty, \infty)$

12. $h(x) = \frac{2x}{x^2 - 4}$ $(-\infty, -2) \cup (-2, 2) \cup (2, \infty)$

13. $g(x) = \frac{4}{x+9}$ $(-\infty, -9) \cup (-9, \infty)$