

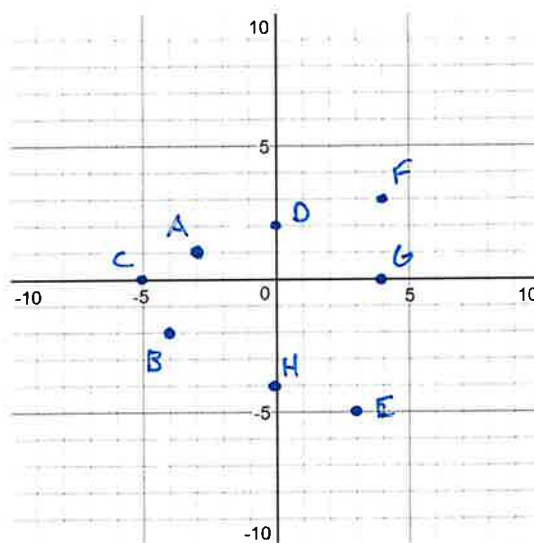
Section 2.1a – Practice Questions

Without plotting on a grid, which quadrant do the following points belong to?

- | | |
|--|--|
| 1. $(4, -2)$ $(+, -)$ is Q IV | 2. $(6, 3)$ $(+, +)$ Q I |
| 3. $(-1, 3)$ $(-, +)$ is Q II | 4. $(-2, -6)$ $(-, -)$ Q III |
| 5. $(-3, 0)$
<i>on the x-axis</i>
NO QUADRANT | 6. $(0, 0)$
<i>at the origin, on both x-axis and y-axis</i>
NO QUADRANT |

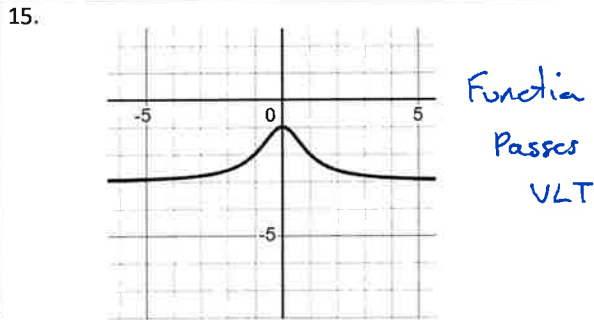
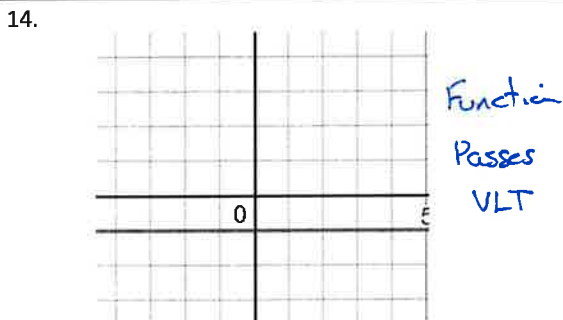
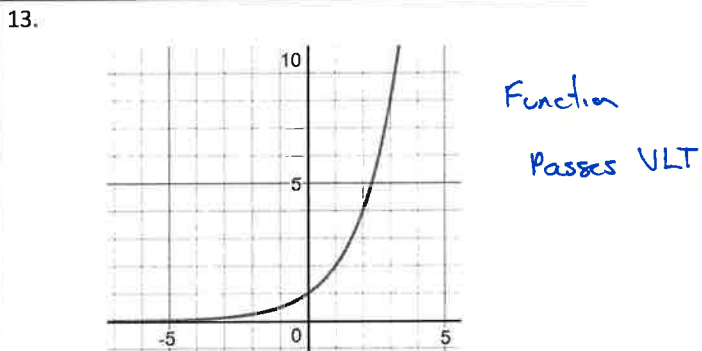
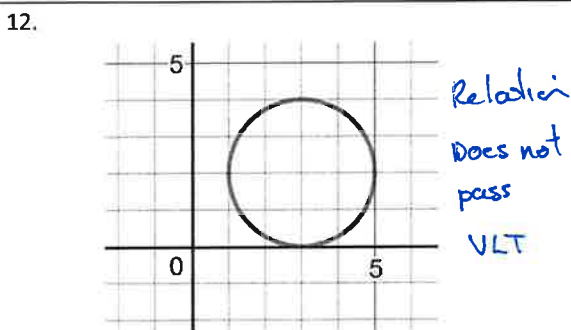
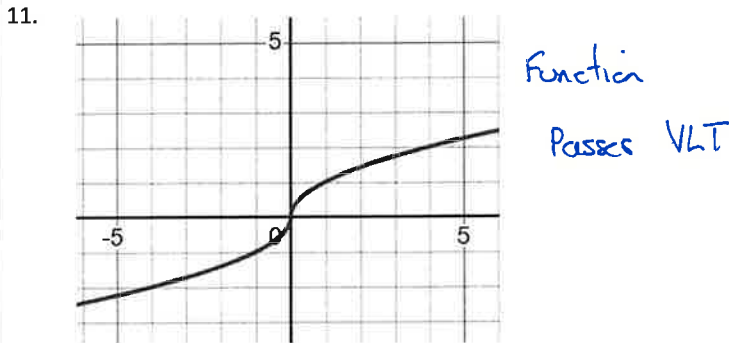
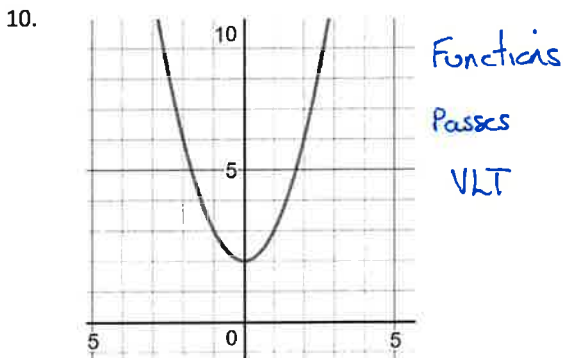
7. Plot the points of the grid provided

$A(-3, 1)$	$B(-4, -2)$	$C(-5, 0)$	$D(0, 2)$
$E(3, -5)$	$F(4, 3)$	$G(4, 0)$	$H(0, -4)$



8. A relation is:
- a) Any set of ordered pairs
 - b) Two sets of ordered pairs that are related
 - c) A graph of ordered pairs
 - d) A set of ordered pairs where the domain corresponds to exactly one range
9. A function is:
- a) Any set of ordered pairs
 - b) A set or ordered pairs in which a value in the domain corresponds to exactly one value in the range
 - c) A set of ordered pairs in which a value in the range corresponds to exactly one value in the domain
 - d) A graph of ordered pairs

Use the vertical line test to determine if the following are relations or functions



Do the mapping notations into functions, 1-1 functions, or neither?

