

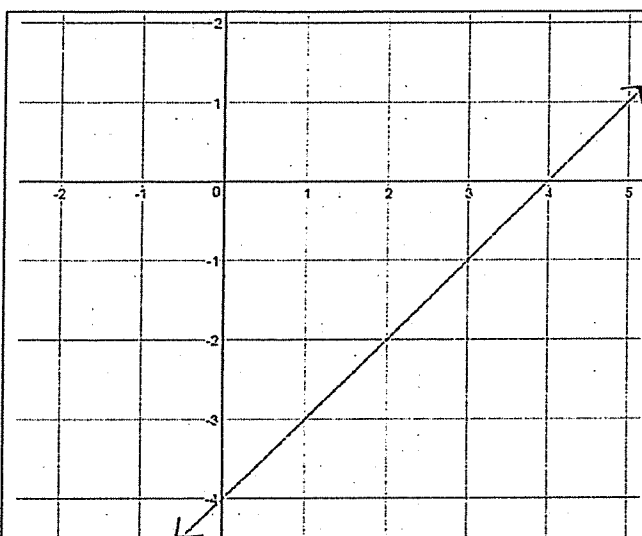
Name: _____ Hour: _____ Date: _____

End Behavior Practice I

For each graph do the following: (a) Determine if the relation represents a function and explain why/why not

(b) State the domain and range using interval notation

(c) Using the proper form, describe end behavior



Function? YES or NO

Explanation:

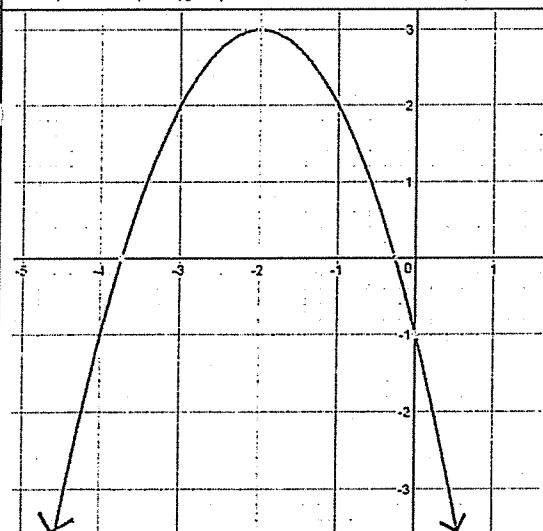
Domain:

Range:

End Behavior:

Left: As x approaches _____, y approaches _____.

Right: As x approaches _____, y approaches _____.



Function? YES or NO

Explanation:

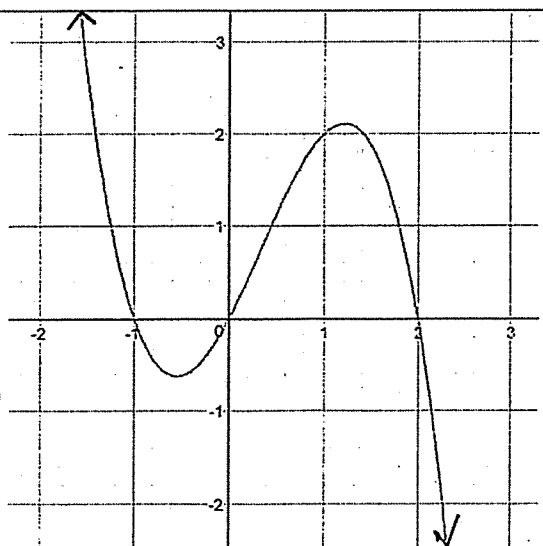
Domain:

Range:

End Behavior:

Left: As x approaches _____, y approaches _____.

Right: As x approaches _____, y approaches _____.



Function? YES or NO

Explanation:

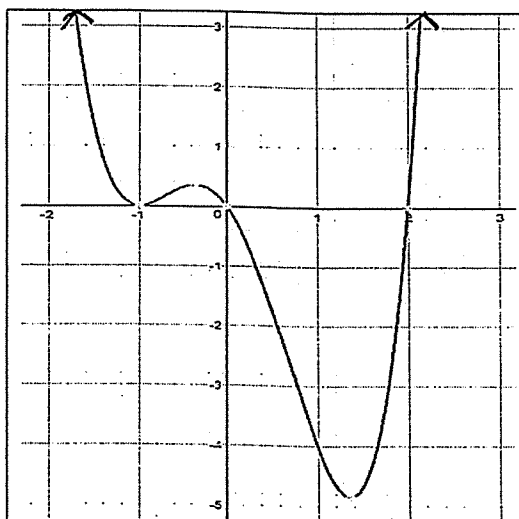
Domain:

Range:

End Behavior:

Left:

Right:



Function? YES or NO

Explanation:

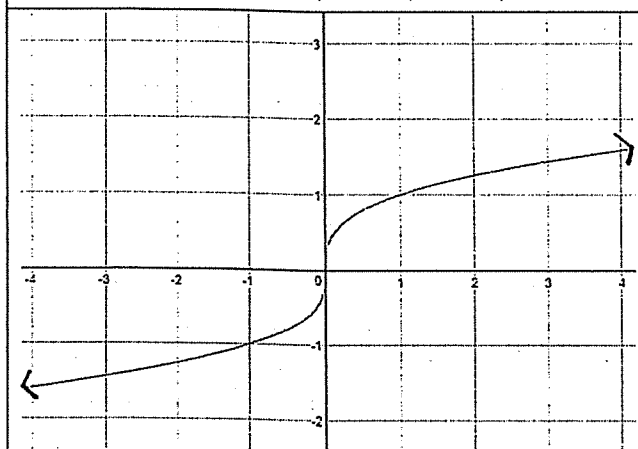
Domain:

Range:

End Behavior:

Left:

Right:



Function? YES or NO

Explanation:

Domain:

Range:

End Behavior:

SLOT Practice

DIRECTIONS: Factor each of the following quadratic polynomials. Remember, we have a SLOT quiz on Thursday!

1) $b^2 + 8b + 7$

2) $n^2 - 11n + 10$

3) $m^2 + m - 90$

4) $n^2 + 4n - 12$

5) $n^2 - 10n + 9$

6) $b^2 + 16b + 64$