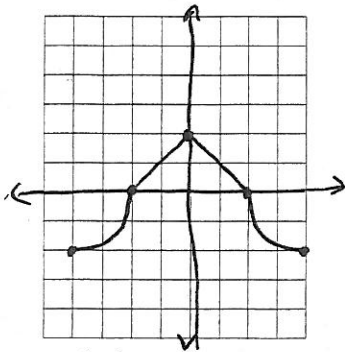
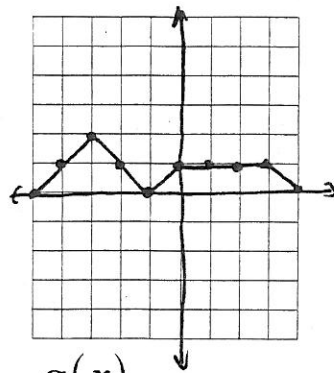


Graph the following & give the domain and range

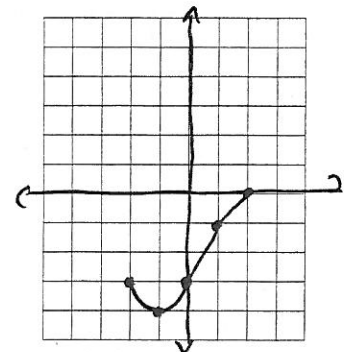
NO CALCULATOR



$f(x)$

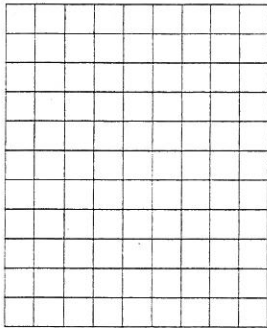


$g(x)$



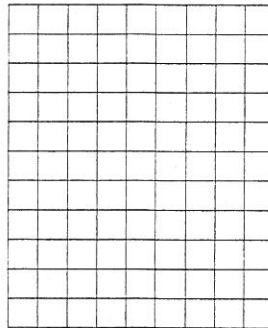
$h(x)$

1.



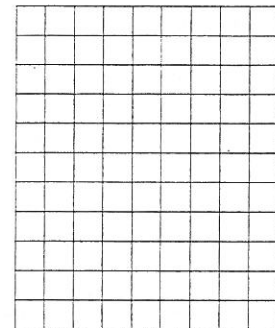
$y = f(x) + 2$

2.



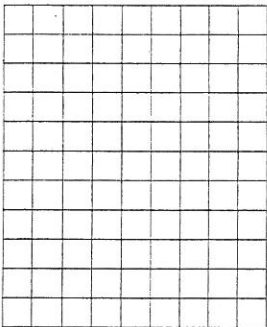
$y = h(x + 2)$

3.



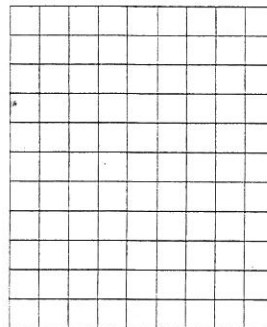
$y = 2f(x)$

4.



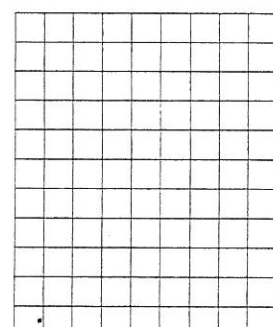
$y = -h(x) - 2$

5.



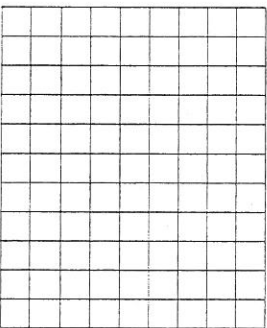
$y = -2f(x)$

6.



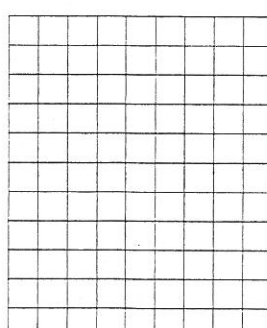
$y = |f(x)|$

7.



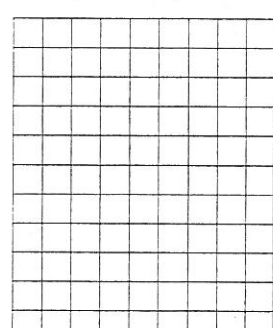
$y = g(x - 2)$

8.



$y = g(2x)$

9.



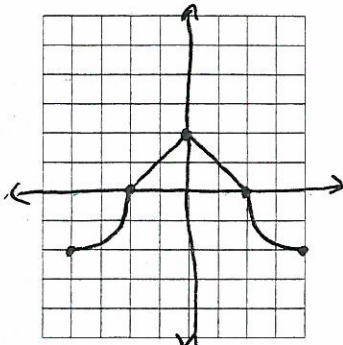
$y = 3g(x)$

Precalculus – Toolkit – Sheet I-1

Name Key

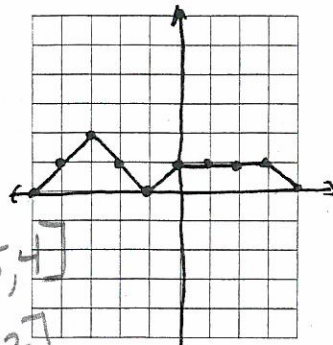
Graph the following & give the domain and range
NO CALCULATOR

d: $[-4, 4]$
r: $[-2, 2]$

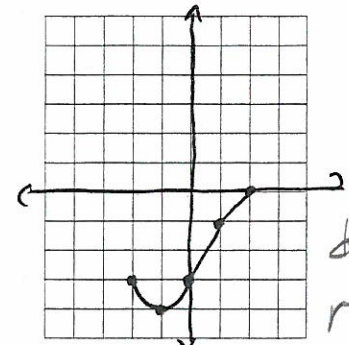


$f(x)$

d: $[-5, 4]$
r: $[0, 2]$



$g(x)$

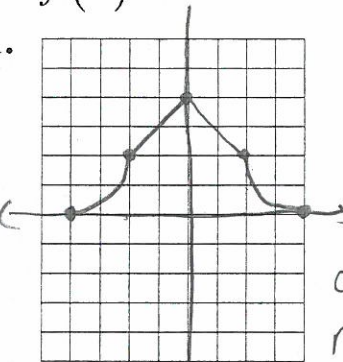


$h(x)$

d: $[-2, 2]$
r: $[4, 0]$

1.

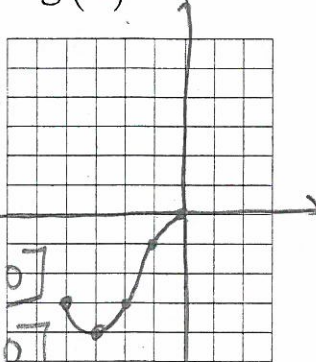
d: $[-4, 4]$
r: $[0, 4]$



$y = f(x) + 2$

2.

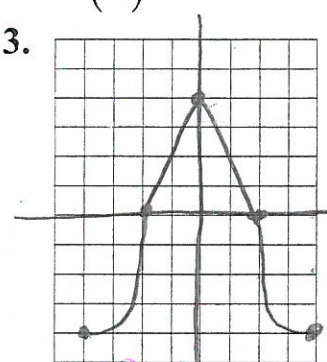
d: $[-4, 0]$
r: $[-4, 0]$



$y = h(x + 2)$

3.

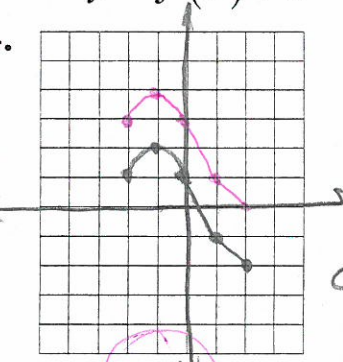
d: $[-4, 4]$
r: $[-4, 4]$



$y = 2f(x)$ *mult y's by 2*

4.

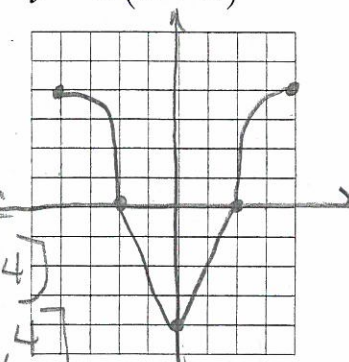
d: $[-2, 2]$
r: $[-2, 2]$



$y = -h(x) - 2$

5.

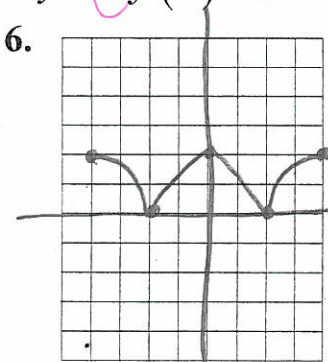
d: $[-4, 4]$
r: $[-4, 4]$



$y = -2f(x)$

6.

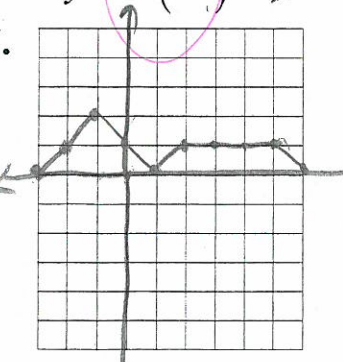
d: $[-4, 4]$
r: $[0, 2]$



$y = |f(x)|$

7.

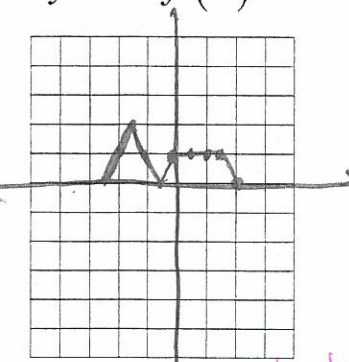
d: $[-3, 6]$
r: $[0, 2]$



$y = g(x - 2)$
r + 2

8.

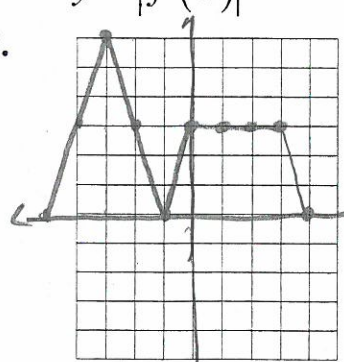
d: $[-\frac{5}{2}, 2]$
r: $[0, 2]$



$y = g(2x)$ *divide x by 2*

9.

d: $[-5, 4]$
r: $[0, 6]$



$y = 3g(x)$