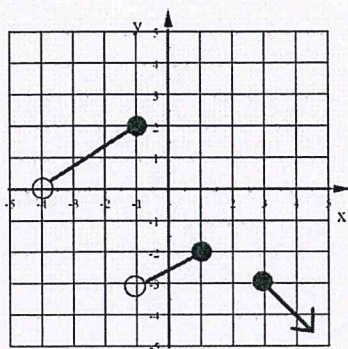


State the domain and range of each graph using interval notation.

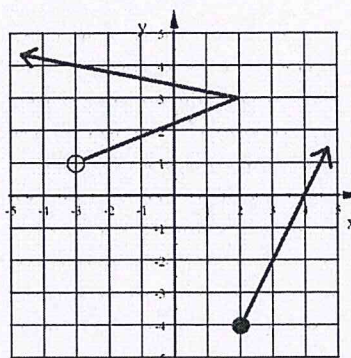
1.



Domain:

Range:

2.



Domain:

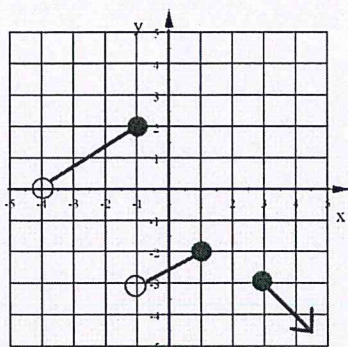
Range:

3. Factor this quadratic completely. $6x^2 - 11x - 10$

State the domain and range of each graph using interval notation.

ANSWERS

1.



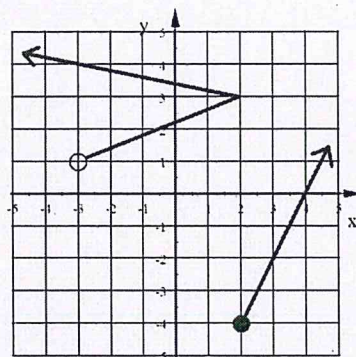
Domain:

Range:

$$(-4, 1] \cup [3, \infty)$$

$$(-\infty, -2] \cup (0, 2]$$

2.



Domain:

Range:

$$(-\infty, \infty)$$

$$[-4, \infty)$$

3. Factor this quadratic completely. $6x^2 - 11x - 10$

1. NO GCF

2.

$$\begin{array}{c} \diagup -60 \diagdown \\ -15 \quad +4 \\ \diagdown -11 \diagup \end{array}$$

3.

	$2x - 5$	
$3x$	$6x^2$	$-15x$
$+2$	$+4x$	-10

$$\rightarrow (3x+2)(2x-5)$$