HW 2-3 HONORS: Domain, Range, & Continuity
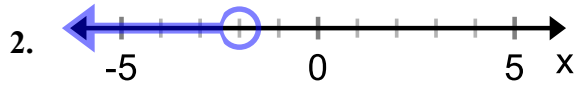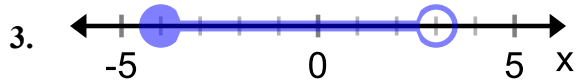
Identify the domain for each graph in BOTH <u>set builder</u> and <u>interval notation</u>.
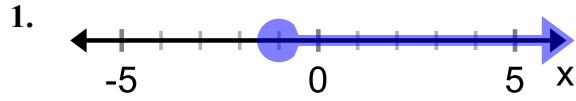
1.

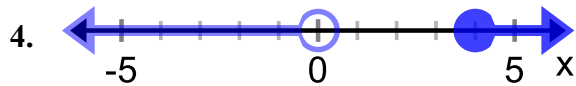<u>Domain:</u>
Set Builder:

Interval:

2.

<u>Domain:</u>
Set Builder:

Interval:

3.

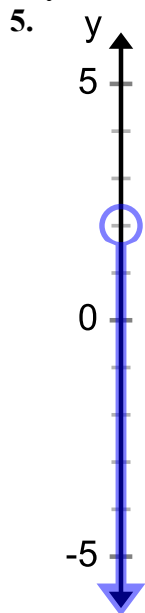<u>Domain:</u>
Set Builder:

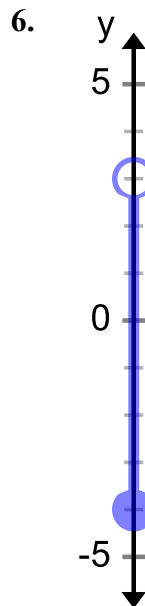Interval:

4.

<u>Domain:</u>
Set Builder:

Interval:

Identify the range for each graph using BOTH <u>set builder</u> and <u>interval notation</u>.

5.

<u>Range:</u>
Set Builder:

Interval:

6.

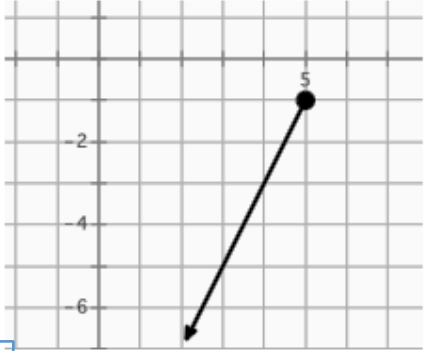<u>Range:</u>
Set Builder:

Interval:

Identify the domain, range, and continuity for each graph using <u>set builder</u> and <u>interval notation</u>.

7. <u>Domain</u>	**8.** <u>Range</u>
Set Builder:	Set Builder:
Interval:	Interval:

9. <u>Continuity</u> (circle your answer)

Continuous   Non-Continuous   Discrete

10. <u>Domain</u>	**11.** <u>Range</u>
Set Builder:	Set Builder:
Interval:	Interval:

12. <u>Continuity</u> (circle your answer)

Continuous   Non-Continuous   Discrete

13. <u>Domain</u>	**14.** <u>Range</u>
Set Builder:	Set Builder:
Interval:	Interval:

15. <u>Continuity</u> (circle your answer)

Continuous   Non-Continuous   Discrete

Identify the domain, range, and continuity for each graph using <u>set builder</u> notation.

16. <u>Domain</u>

Set Builder:

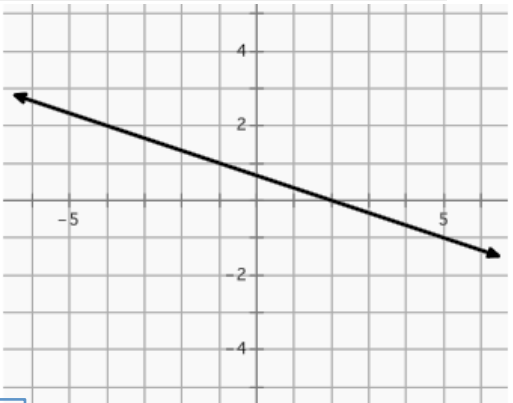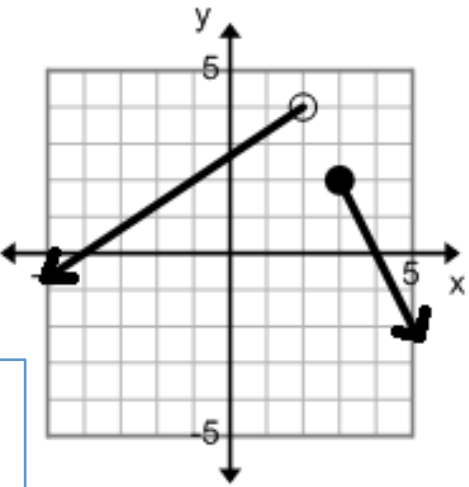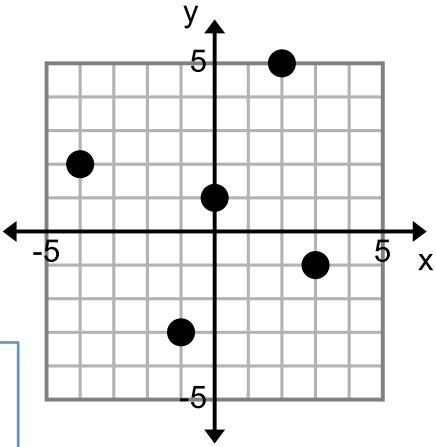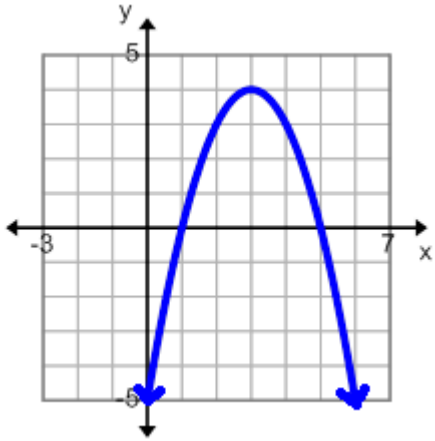**17.** <u>Range</u>

Set Builder:

18. <u>Continuity</u> (circle your answer)

      Continuous   Non-Continuous   Discrete

19. <u>Domain</u>

Set Builder:

Interval:

20. <u>Range</u>

Set Builder:

Interval:

21. <u>Continuity</u> (circle your answer)

      Continuous   Non-Continuous   Discrete

22. <u>Domain</u>

Set Builder:

Interval:

23. <u>Range</u>

Set Builder:

Interval:

24. <u>Continuity</u> (circle your answer)

Continuous

Non-Continuous

Discrete

Identify the domain, range, and continuity for each graph using <u>set builder</u> and <u>interval notation</u>.

25. <u>Domain</u>

Set Builder:

Interval:

26. <u>Range</u>

Set Builder:

Interval:

27. <u>Continuity</u>
  (Circle your answer)

Continuous

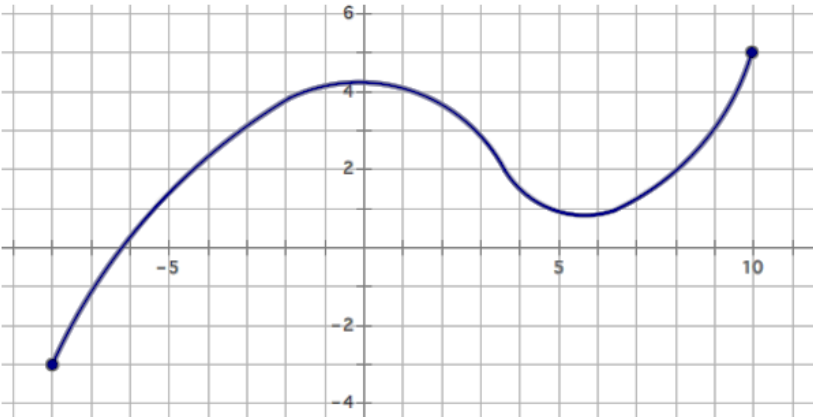Non-Continuous

Discrete