Plotting, Equations and Input-Output

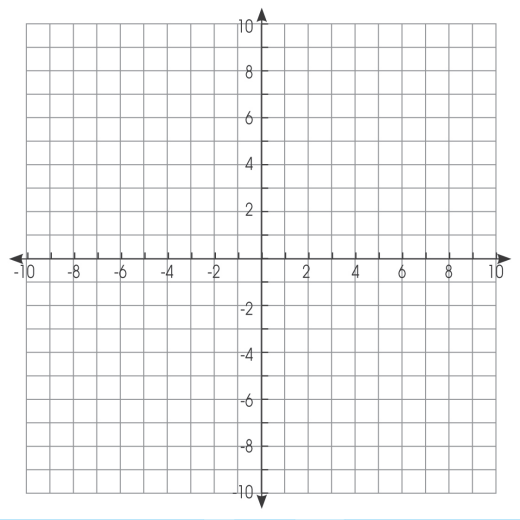
a) Plot the following coordinates on the accompanying grid:

A = (___, ___)

B = (___, ___)

C = (___, ___)

D = (___, ___)



b) Solve the following

i) ☐ × ☐ = ☐ ii) ☐ + ☐ = ☐ iii) ☐ − ☐ = ☐

c) Examine the input-output table shown below.

Input	Output

Which rule describes the data?

Answer: _____

Graphing, Patterning and Equations

a) On the number line below, indicate _____.

b) Complete the pattern by filling in the missing numbers.

i)

ii)

c) How would you show the following pattern using letters?

i. ABA ii. BAB iii. AAB iv. ABB

d) Evaluate each expression.

i) a = _____

ii) b = _____

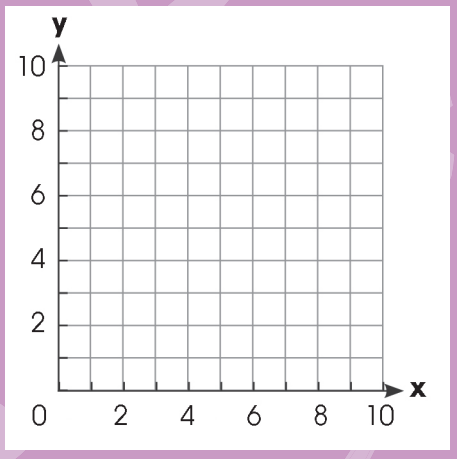
Patterning and Graphing

a) Continue the pattern shown in the one hundred chart below.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

b) Graph the following

x	y



c) What items would be next in the following pattern?