INPUT - OUTPUT TABLES

ANSWERS

Helpful Example

Input	Output
1	4
4	7
8	11

Rule:?

Input	Rule		Output
1	+ 3	=	4
4	+ 3	=	7
8	+ 3	=	11

THIS IS AN **INPUT-OUTPUT TABLE**. THE *INPUT* IS THE VALUE YOU START OFF WITH AND THE *OUTPUT* IS THE FINAL VALUE. THE *RULE* TELLS YOU WHAT TO DO TO THE *INPUT* TO GET THE *OUTPUT*.

THIS TABLE IS MISSING THE *RULE*, WHICH MEANS YOU NEED TO FIGURE IT OUT USING THE *INPUT* AND OUTPUT VALUES. ASK YOURSELF, "HOW DID 1 CHANGE TO 4 AND HOW DID 8 CHANGE TO 11?" THE ANSWER IS THE *RULE*.

Find the rule and complete each input-output table.

1.

Input	Output
30	15
39	**24**
47	**32**
51	36
66	51

Rule: Subtract 15

2.

Input	Output
19	41
26	**48**
35	57
42	64
56	**78**

Rule: **Add 22**

3.

Input	Output
4	7.5
9.5	13
11	14.5
12.5	**16**
19	22.5

Rule: **Add 3.5**

4.

Input	Output
12	3
24	6
32	**8**
44	**11**
72	18

Rule: **Divide by 4**

5.

Input	Output
17.5	**10.25**
23	15.75
29.25	22
37	29.75
51.5	**44.25**

Rule: **Subtract 7.25**

6.

Input	Output
3	7.5
7	**17.5**
14	35
20	**50**
24	60

Rule: **Multiply by 2.5**

7.

Input	Feet	6	**18**	21	30	36	**48**	60
Output	Yards	2	6	**7**	**10**	12	16	**20**

Rule: **Divide by 3**

8.

Input	Centimeters	4	9	**16**	25	**33**	**40**	71
Output	Millimeters	**40**	90	160	**250**	330	400	710

Rule: **Multiply by 10**