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everything.



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For Grades 1 - 10



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## Ratio and Tables Worksheet

Complete the following ratio tables:

1.

6		10		30
	60	30	42	

2.

2.1	7.5		12.0
	5.0	18	

3.

6		10	3
	30	60	

4.

4	5		3
	50		15

5.

1.5			0.2
	0.6	24	0.4

6.

		-2	8
25	35	-10	

7.

-3		-7	5
	-60		-15

8.

	5	4	
60		24	18

9.

10		20	7
	45	60	

10.

$x^5$	$ax^2$		
$x^7$		$x^6y$	$x^2$

1.

When you learn math  
in an interesting way,  
you never forget.



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## Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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**ANSWERS**

I.

6	20	10	14	30
18	60	30	42	90

II.

2.1	7.5	27	12.0
1.4	5.0	18	9.0

III.

6	5	10	3
36	30	60	18

IV.

4	5	10	3
20	25	50	15

V.

1.5	0.3	12	0.2
3.0	0.6	24	0.4

VI.

5	7	-2	8
25	35	-10	40

VII.

-3	20	-7	5
9	-60	21	-15

VIII.

10	5	4	3
60	30	24	18

IX.

10	15	20	7
30	45	60	21

X.

$x^5$	$ax^2$	$x^4y$	1
$x^7$	$ax^4$	$x^6y$	$x^2$

**FUN FACT**

1. If  $a$  is the first term of an AP,  $d$  is the common difference,  $n$  refers to the number of terms, then  $a_n$  refers to the general term of the arithmetic sequence given as:  $a_n = a + (n-1)d$
2. If we have the first term  $a$ , the last term  $a_n$ , the number of terms  $n$ , then we can find the sum to  $n$  terms by the following equation:  $S_n = \frac{n}{2}\{a + a_n\}$

