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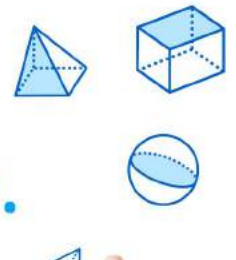

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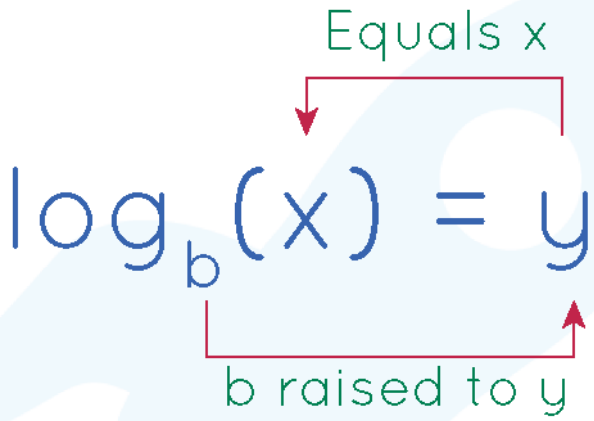
Logarithm Worksheets

Questions

1. Write the exponential form $3^4 = 81$ into logarithmic form.

2. Convert Log464 = 3 into exponential form.



3. Express Log 36 as the sum of logs of prime numbers.

4. Write 3og3 +2log5 as a single logarithm.

5. Log 225 = xlog3 + ylog5. The value of x + y = _____.

6. Log25/log625 = _____
   (a) 1/2 (b) 1/4 (c) 1/8 (d) 1/16

7. The value of log7343 = _____ .

8. Solve Log625 – Log125.

9. If log2 = 0.3010, find the value of log1/2.
(a) 0.6020 (b) 0.4987 (c) -0.3010 (d) 0.4771

10. Given log2 = 0.3010, and log3 = 0.4771. Find the value of

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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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log36.

(a) 1.5562 (b) 1.6897 (c) 2.8934 (d) 1.4439

ANSWERS

(1)	Log381= 4
(2)	4^3 = 64
(3)	2log2 + 3log3
(4)	log675
(5)	4
(6)	Ans:1/2
(7)	3
(8)	log5
(9)	(c) -0.3010
(10)	(a) 1.5562