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THE MATH EXPERT

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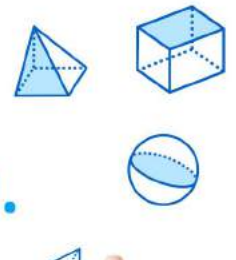

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Systems of Inequalities worksheets

Solve each inequality in questions 1-5

1. $2x + 5 > 13$ and $x > 2$

2. $x/2 + 4 < 7$ and $x \neq 0$

3. $4x - 12 \geq 8$ and $x \neq 2$

4. $(x - 6)/4 \leq 2$ and $x < 10$

5. $9x - 7 \leq 38$ and $x \neq 0$

Solve and graph the solution of the inequalities in questions 6-7

6. $x/2 + 3 > 9$ and $x \geq 2$

7. $9 + 3x > 12$ and $x \leq 2$

8. The greatest integer in the solution set of $2x-34+9\geq3+4x3$ is ___

9. The cost of a gallon of orange juice is $3.50. What is the maximum number of bottles you can buy for $15, if a bottles capacity is 1 gallon?

10. Three times a number, increased by 8 is no more than the number decreased by 4. Find the number

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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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