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THE MATH EXPERT

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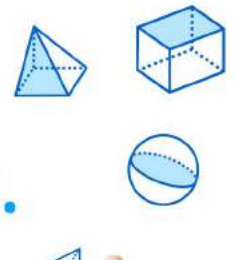

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For Grades 1 - 10

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7th Grade Proportions Worksheet

1. X/33 = 112/48

2. 43/X = 129/99

3. Sandy takes about 70 seconds to run a distance of 200 meters. Find the time taken to run a distance of half a kilometer.

4. Simran taken about 8 hours to complete 3 of her school project. Find the time taken by Simran to complete about 9 projects.

5. The quantities P and Q are inversely proportional. If P is 8 units, the value of Q is 40 units. What is the value of Q when P is equal to 15 units?

6. A person travel between two towns by train at the speed of 45 km/hr and takes about 4 hours of time. Find the time taken to travel between those two towns, if the person is travelling by car with a speed of 60 km/hr.

7. A hostel has food provisioned for 40 people for about 60 days. If 10 people leave the hostel, find the number of days for which this same food provision would suffice.

8. The cost of a 8 mangoes is $20. What is the cost of 5 mangoes?

9. The perimeter of a rhombus is directly proportional to its side. The rhombus has a side of length 4.5 units, and has a perimeter of 18 units. Find the side of a rhombus having a perimeter of 20 units.

10. The cost per kg of brinjal is inversely proportional to the yield of brinjal per hector. If there is a yield of 12 tons of tamatoes per hector, the per per kg of tamato is $3. What is the cost per kg of brinjal, if there is yield of 18 tons of brinjal per hector?

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

25 Million
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100K+
Students learning Math the right way

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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

(1)	77
(2)	33
(3)	175 seconds
(4)	24 hours
(5)	75
(6)	3 hours
(7)	80 days
(8)	$12.50
(9)	5 units
(10)	3 dollars