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## DECIMAL WORD PROBLEMS WORKSHEET - 1

- 1) Julia spent \$2.5 to buy berries and \$1.6 to buy grapes. On which fruit did she spend the least?
- 2) Katie had \$18.50. She bought cupcakes for \$11.75. How much money is left with her?
- 3) Three friends, Myra, Jack and Rob appeared for an exam. Myra got 23.5 marks out of 30, Jack got 25.5 marks out of 30 and Rob got 26 marks out of 30. Who got the highest marks?



- 4) A builder used 87 identical bricks to create a path which is 546.36 meters long. How long is each brick?
- 5) Find the area of a rectangle whose length and breadth are 32.8 units and 26.9 units respectively.
- 6) Jolly has \$ 78.1 and Jack has \$34.2. How much total money do they have?
- 7) Mia has a wire of length 8.94 inches and Gia has a wire of length 8.99 inches. If each wire is kept together end to end, what would be the total length?
- 8) A chef has 5.2 grams of pepper. He used 1.3 grams of pepper while making pizza. How much pepper is left with him?

9) Find the area of a square park which has a side length of 9.48 feet.



10) Ryan drives a car at the rate of 15.25 miles per hour. How many hours will take to cover a distance of 122 miles?



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in an interesting 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."

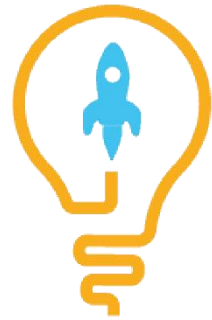
- Kirk Riley

"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)	Grapes
2)	\$6.75
3)	Rob
4)	6.28 meters
5)	882.32 unit <sup>2</sup>
6)	\$112.3
7)	17.93 inches
8)	3.9 grams
9)	89.8704 square feet
10)	8 hours



## FUN FACT

1. The prefix "deci" in the word "DECIMAL" means ten.
2. We can write a fraction as a [decimal number](#), but we cannot write all decimal numbers as a fraction.
3. Like [fractions](#), every decimal number can be expressed in the form of a [percentage](#).

