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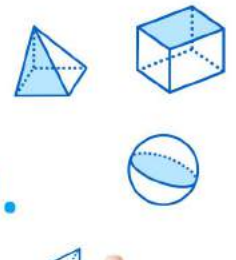

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Unit Rate Worksheet 7th Grade

1. Jake bought 2 packets of bread for 3 dollars. The cost of each bread is _____ dollars.

2. Given that there are equal numbers of oranges in each bag. If there are 320 oranges in 4 bags. Then ____ there are oranges in one bag.

3. An amusement park had 3200 customers over 4 days. Average customers coming per day is _____.

4. A baker can bake 12 cakes every 45 minutes. The average cake baked every hour is _____.

5. 10 gallons of gasoline costs $30. The cost of gasoline per gallon is _____ and gallons of gasoline per dollar is _____.

6. A cleaning service charges $1000 for cleaning 20 offices. Cost for cleaning one office is _____.

7. Zack wants to buy apples. He finds that there are two stores offering deals: Store X offers 12 apples for $6 and Store Y offers 21 apples for $7. The unit rate of apples (No. of apples per dollar) for Store X is _____ and for Store Y is _____. Store ____ offers a better deal.

8. A 0.2 pound packet of candies cost $4. If each candy's weight is 0.001 pound, the average cost of each candy is _____.

9. If the cost of printing 100 pages in a shop is $2, the cost of printing 200 pages is _____.

10. James earns $24,000 yearly. His monthly income is _____.

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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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ANSWERS

1. $1.5	**2.** 80 oranges	**3.** 800 customers
4. 16 cakes per hour	**5.** $3 dollar/gallon, 0.333 gasoline/dollar	**6.** $50 per office
7. X **=** 2 apples per dollar, Y = 3 apples per dollar, Store Y offers better deal	**8.** Cost of one candy is $0.02	**9.** $4
10. $2000 per month		

FUN FACT

- An easy trick to remember the order of PEMDAS is "Please Excuse My Dear Aunt Sally".

- Many mnemonics following order of operations are used along with PEMDAS worldwide, like BODMAS, BEDMAS, and BIDMAS.