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# Unit Rate Worksheet 7th Grade

<b>1.</b> Jake bought 4 large cookies for 2 dollars. The cost of each cookie is dollars.
<b>2.</b> Given that there are equal numbers of apples in each basket. There are 21 apples in 7 baskets. There are vegetables in one basket.
<b>3.</b> A hotel had 200 customers over 4 days. Average customers coming per day is
<b>4.</b> Alex bakes 20 cookies every 40 mins. The average cookies baked every hour is
<b>5.</b> A cycle travelled 22 kilometers in 2 hours. The speed of the cycle is kilometers per hour.
<b>6.</b> The President signs at least 10 documents in 1 day. If the president doesn't sign any documents on weekends. The least number of documents signed by the president in a week is
<b>7.</b> Each box has 21 pebbles. If there are 4 boxes, the total number of pebbles in all boxes are
<b>8.</b> 120 balloons are filled with gas at the rate of 0.6 gallons per minute. How much time it takes to fill all balloons if the volume of one balloon is 1.2 gallons.



**9.** If the cost of 10 plants is \$10, the cost of 6 plants is \_\_\_\_\_.

**10.** If there are 42 parked cars on 3 parking floors of a mall, then there are \_\_\_\_\_ parked cars on each parking floor.



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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!"

"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."

"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."

- Gary Schwartz

- Kirk Riley

- Barbara Cabrera

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<b>1.</b> \$2	<b>2.</b> 3 apples	<b>3.</b> 50 customers
<b>4.</b> 30 cookies per hour	<b>5.</b> 11 kilometers per hour	<b>6.</b> 50 documents per week
7. 84 pebbles	8. 200 minutes or 3.33 hours	<b>9.</b> \$6
<b>10.</b> 14 parked cars		



# **FUN FACT**

- An easy trick to remember the order of <u>PEMDAS</u> is "Please Excuse My Dear Aunt Sally".
- Many mnemonics following order of operations are used along with PEMDAS worldwide, like BODMAS, BEDMAS, and BIDMAS.

