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Student Name: _____

Grade: _____   Date:_____

1. Betty made 3 Mothers' Day cards. Each of the cards had a perimeter of 48 cm. Show on diagrams each of the 3 cards with different lengths and widths that she may have designed.

2. In "EVERYBODY LOVES RAYMOND", Raymond's mother Marie is played by Doris Roberts, who died last week. She was 90 years of age. In what year was she born?

3. Jerry bought some fabric for his bike seat, but he made a mistake. In the shop, he didn't speak clearly, and instead of buying 0.4 metres of fabric, he bought 4 metres of the fabric. How much fabric did he have left over?

4. The very first Apple computer looked like this. Its base measured 30 cm by 25 cm. What was the area of the base, in cm^2?

5. In Henry's class of 24 students, half are 132 cm tall, one-quarter of them are 138 cm tall, and half of the rest are 140 cm tall. How many are 140 cm tall?

6. Bugs Bunny appeared in a total of 168 cartoons. If Elmer Fudd appeared in 75% of those cartoons, in how many cartoons did Elmer appear?

7. In Houston, USA last Monday, they had a huge storm, and 30 cm of rain fell in just one day. What fraction of one metre is that, as a fraction expressed in simplest terms.

8. A new APP, called "STORYWORTH", helps people write a short story about something that happened in their lives that week. If Meg spends 12 minutes each week writing her stories, how many hours and minutes does she spend doing that in one full 365-day year? (By the way, the APP is FREE!)

9. At a large capital city Animal Hospital, there were 28,000 pets that received vital vet care last year (2015). What was the average number of animals given vet care there each month of that year?

10. Open-Ended Question: A shape has an area of 24 cm^2. What possible measurements could that shape have? What if the shape had NO straight sides – is it possible to have that area? Why or why not? Explain your answer in one sentence.

1. Various answers
2. 1926
3. 3.6 metres left
4. 750 cm^2
5. 3 students
6. He appeared in 126 cartoons
7. 30/100 = 3/10
8. 10 hours 24 minutes
9. 2333.33 on average each month
10. Various answers