

Chapter 3 Class 7

A Peek Beyond The Point

- MCQ Worksheet 2

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Chapter: [Chapter 3 Class 7 Maths – A Peek Beyond Point](#)

Name: _____

School: _____

Roll Number: _____

1. A civil engineer's blueprint specifies a beam's length as 15.00 m . This level of precision implies:
 - a) The engineer is being unnecessarily detailed.
 - b) The length must be accurate to the nearest centimeter (the hundredths place), and any deviation could compromise structural integrity.
 - c) The beam is slightly longer than one specified as 15 m .
 - d) The blueprint has a typographical error.

2. You are using a GPS app to find a friend's house located at the 6.45 km mark on a long road. The app shows your current position is 6.2 km . Where should you look for the house?
 - a) Exactly halfway between the 6.4 km and 6.5 km markers you will pass.
 - b) A quarter of the way past the 6.2 km marker.

- c) Before you reach the 6.4 km marker.
- d) The address is invalid.
3. A tailor needs 2.5 m of cloth for a shirt and 1.25 m for trousers. The cloth costs ₹200 per meter. Why is estimating the total cloth needed (e.g., about 3.75 m) a crucial first step?
- a) To quickly calculate the approximate total cost (3.75×200) and ensure the customer's budget is met before cutting the cloth.
- b) It's not useful; only the final bill matters.
- c) To impress the customer with math skills.
- d) To decide if the shirt or trousers should be made first.
4. A company is designing packaging for a stack of 10 smartphones, each 7.6 mm thick. To ensure the phones fit without rattling, the internal height of the box should be:
- a) Exactly 7.6 cm
- b) Slightly more than 7.6 cm (e.g., 7.62 cm)
- c) Exactly 76 cm
- d) At least 8.0 cm
5. You are packing for a trek and want the most lightweight power bank. The options are: 0.9 kg, 0.09 kg, 1.1 kg, and 1.09 kg . Which one should you choose?
- a) 0.9 kg
- b) 0.09 kg
- c) 1.1 kg
- d) 1.09 kg
6. In a T20 cricket match, a team needs 43 runs to win from the last 5 overs. What does a required run rate of 8.6 mean?
- a) They must hit a six and a two in every over.
- b) They must score exactly 86 runs.

- c) They need to maintain an average scoring pace of 8.6 runs for each of the remaining 5 overs.
 - d) They must score 9 runs in the first over and 8 in the second.
7. Which of the following tasks requires precision in millimeters?
- a) Measuring a room for a new carpet.
 - b) Calibrating the components of a satellite's lens.
 - c) Planning a marathon route.
 - d) Weighing apples at a market.
8. A pharmacist is using a syringe to measure 0.75 ml of medicine. The syringe has markings at 0.7 ml and 0.8 ml . Where should the liquid be drawn to?
- a) Exactly on the 0.8 ml mark.
 - b) Exactly halfway between the 0.7 ml and 0.8 ml marks.
 - c) Slightly below the 0.7 ml mark.
 - d) Exactly on the 0.7 ml mark.
9. The decimal system was a revolutionary extension of the place value system for science because it:
- a) Made calculations accessible to only a few experts.
 - b) Provided a unified, base-10 framework to handle both very large quantities and very small, precise measurements seamlessly.
 - c) Replaced the need for fractions in all situations.
 - d) Was invented specifically for computers.
10. A paper company's quality control states that a single sheet of A4 paper must weigh 5.0 g . A ream has 500 sheets. What is the target shipping weight for a ream in kilograms?
- a) 2500 kg
 - b) 2.5 kg

c) 0.25 kg

d) 25 kg

Important links

- Answer of this worksheet - <https://www.teachoo.com/25613/5372/MCQ---Worksheet-2/category/Teachoo-Questions---MCQs/>
- Full Chapter with Explanation, Activity, Worksheets and more – <https://www.teachoo.com/subjects/cbse-maths/class-7/chapter-3-ganit-prakash/>
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