

Chapter 3 Class 7

A Peek Beyond The Point

- MCQ Worksheet 1

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

Name: _____

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1. An engineer is designing a protective case for a new smartphone that is exactly 7.5 mm thick. For a snug fit without being too loose, the internal thickness of the case should be just slightly larger. Which engineering specification is the most appropriate?
 - a) 7.50 mm (no clearance, won't fit)
 - b) 7.55 mm (0.05 mm clearance for a snug fit)
 - c) 8.0 mm (0.5 mm clearance, likely too loose)
 - d) 7.45 mm (too small)
2. A billing software automatically converts an input of ₹12.7 to ₹12.70. What is the primary reason for this feature in financial systems?
 - a) To make the number appear more valuable.
 - b) To standardize all monetary values to two decimal places (for paise), which

prevents errors when calculating totals and taxes.

- c) To increase the amount charged to the customer.
- d) It is a cosmetic feature with no practical purpose.

3. A high-precision baking recipe for macarons requires exactly 0.5 kg of almond flour. A baker using a digital scale has 0.45 kg . What is the most probable outcome if the baker proceeds?

- a) The macarons will be perfect, as the difference is negligible.
- b) The macarons' delicate texture will likely fail because the ingredient ratio is off by 0.05 kg .
- c) The baker has more than enough flour.
- d) The recipe is impossible to make with this amount.

4. You need to buy replacement leads for a mechanical pencil. The pencil is labeled " 0.7 mm ". Which lead package should you buy?

- a) "Fine Point - 0.07 cm "
- b) "Micro Point - 0.5 mm "
- c) "Thick Point -7.0 mm "
- d) "Standard -0.9 mm "

5. A landscape architect is designing a park using a map with a scale of $1 \text{ cm} = 1 \text{ km}$. A rectangular garden on the map measures 0.5 cm by 0.3 cm . What are the actual dimensions of the garden?

- a) 5 km by 3 km
- b) 50 m by 30 m
- c) 500 m by 300 m
- d) 0.5 m by 0.3 m

6. A software update is scheduled to be completed in 1.25 days. How much time does the IT department have in hours? (1 day = 24 hours)

- a) 25 hours
 - b) 28 hours
 - c) 30 hours
 - d) 12.5 hours
7. A company's stock price is listed as ₹20.50. This value represents:
- a) 20 and $\frac{5}{10}$ rupees.
 - b) 20 and $\frac{50}{100}$ rupees.
 - c) 20 and $\frac{1}{2}$ rupees.
 - d) All of the above.
8. A materials scientist is testing the thickness of three new alloys. Alloy A is 0.1 mm , Alloy B is 0.012 cm , and Alloy C is 0.00011 m . For a project requiring the thickest material, which should be chosen?
- a) Alloy A
 - b) Alloy B
 - c) Alloy C
 - d) All are equally thick.
9. A courier service charges ₹100 for the first kg and ₹80 for every additional kg or part thereof. A package weighs 3.06 kg . How will the cost be calculated?
- a) Cost for exactly 3.06 kg .
 - b) The weight is treated as being over 3 kg , so the cost will be for 4 kg (1 kg + 3 additional kg).
 - c) The weight is rounded down to 3 kg .
 - d) The cost is for 3 kg plus a separate cost for 60 grams.
10. A submarine at a depth of 3.5 meters dives a further 1.9 meters. Its new depth is 5.4 meters. The calculation $3.5 + 1.9 = 5.4$ is correct because:
- a) It's a simple addition.

- b) In the tenths column, $5 + 9 = 14$ tenths, which is 1.4 . The 0.4 stays in the tenths place and the 1 is carried over to the ones place.
- c) The submarine captain subtracts the numbers.
- d) This is a special rule for underwater navigation.

Important links

- Answer of this worksheet - <https://www.teachoo.com/25612/5372/MCQ---Worksheet-1/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/>
- Science Class 7 – <https://www.teachoo.com/subjects/science/class-7/>
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