

Chapter 3 Class 7

A Peek Beyond The Point

- Assertion and Reasoning

Worksheet 2

by *teachoo*

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

Name: _____

School: _____

Roll Number: _____

Instructions:

For each question, two statements are given: Assertion (A) and Reason (R). Choose the correct option.

- (a) Both A and R are true, and R is the correct explanation of A.
- (b) Both A and R are true, but R is not the correct explanation of A.
- (c) A is true, but R is false.
- (d) A is false, but R is true.

1. **Assertion (A):** A measurement of 4.20 m is less precise than a measurement of 4.2 m
Reason (R): The explicit zero in the hundredths place of 4.20 communicates a higher standard of precision, implying the measurement is accurate to that level.

2. **Assertion (A):** The decimal 0.4 on a calculator represents the fraction $\frac{4}{10}$.
Reason (R): The first position to the right of the decimal point is designated as the hundredths place.

3. **Assertion (A):** A project timeline of 1.5 years is equivalent to 1 year and 6 months.
Reason (R): A year has 365.25 days.

4. **Assertion (A):** In engineering blueprints, the number 5.678 is specified as "five point six seven eight".
Reason (R): This convention is used because it is faster to say than "five and six hundred seventy-eight thousandths".

5. **Assertion (A):** To convert a 1-gram ingredient to kilograms, you use 0.1 kg .
Reason (R): The prefix 'kilo' signifies a factor of 1000, so a gram is one-thousandth of a kilogram, correctly placed in the third decimal

Important links

- Answer of this worksheet - <https://www.teachoo.com/25617/5374/Assertion-Reasoning---Worksheet-2/category/Teachoo-Questions---Assertion-Reasoning/>
- 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/>

- Maths Class 7 - <https://www.teachoo.com/subjects/cbse-maths/class-7/>

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