

Bukit View Secondary School
Lower Secondary Science
Worksheet – Measurement of length

Name: _____() Class: Sec 1T__ Date: _____/2002

1. The SI unit of length is _____.
2. The letter representing length (abbreviation) for metre is _____.
3. The smallest length that can be accurately measured by a metre rule is _____.

4.

Prefix	Symbol	Meaning
Milli		
		One hundredth ($\frac{1}{100}$)
	k	

5. One _____ (mm) is equal to _____ of a _____.
(1mm = _____)
6. One centimeter (_____) is equal to _____ of a _____.
(1cm = _____)
7. One kilometre (_____) is equal to _____ of a _____.
(1km = _____)

Exercise

8. 1 cm = _____ mm
9. 1 m = _____ cm = _____ mm
10. _____ km = 1000 m
11. 10 cm = _____ mm
12. 100 cm = _____ mm
13. 1 km = _____ m = _____ cm = _____ mm
14. 2 km = _____ m = _____ cm = _____ mm
15. 200 cm = _____ mm

16. $100 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

17. $2 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

18. $100 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$

19. $10 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$

20. $10 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$

21. $100 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$

22. $1000 \text{ m} = \underline{\hspace{2cm}} \text{ km}$

23. $100 \text{ m} = \underline{\hspace{2cm}} \text{ km}$

24. $10 \text{ mm} = \underline{\hspace{2cm}} \text{ m}$

25. $100 \text{ cm} = \underline{\hspace{2cm}} \text{ km}$

26. 0.25 m is the same as $\underline{\hspace{2cm}}$.

A 25 mm

B 2.5 cm

C 25 cm

D 250 cm ()

27. The average measurement for the length of a book was calculated to be 15.235 cm . If the measurement was taken with a meter rule, how should it be recorded?

A 15 cm

B 15.2 cm

C 15.23 cm

D 15.235 cm ()

*28. Convert the following.

a) $3.73 \text{ m} = \underline{\hspace{2cm}} \text{ mm}$

b) $637 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$

c) $59 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

d) $1.56 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$