



ALHAMD EDUCATIONAL SYSTEM

ONLINE CLASSES



SUBJECT : MATHEMATICS

GRADE : 5TH

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BOOK: MATHS WISE






LECTURE : 38

UNIT 6

UNIT 6

MEASUREMENTS: DISTANCE, TIME, AND TEMPERATURE

ISLAMABAD, PAKISTAN
5 DAY WEATHER REPORT

DAY	SUMMARY	(CELSIUS)	
		MAX DAY	MIN NIGHT
SUNDAY		22°C	14°C
MONDAY		21°C	13°C
TUESDAY		20°C	15°C
WEDNESDAY		15°C	13°C
THURSDAY		13°C	11°C



Students learn conversions related to distance, time and temperature. They are introduced to the topic of temperature.



RULE

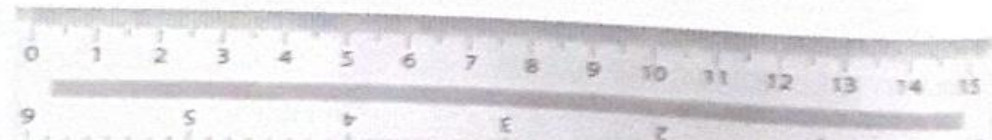
Converting 'm' to other units

more than a metre	Kilo 'm'	$m \div 1000$
	↑	
	Hecta 'm'	$m \div 100$
	↑	
	Deca 'm'	$m \div 10$
	↑	
	Metre	
less than a metre	deci 'm'	$m \times 10$
	↓	
	centi 'm'	$m \times 100$
	↓	
	milli 'm'	$m \times 1000$

The distance between any 2 numbers on your ruler is 1 cm. The small divisions between each cm are the mm.
 $1 \text{ cm} = 10 \text{ mm}$



Conversion Rule
Big to small: multiply
 $3 \text{ m} = 3 \times 100 = 300 \text{ cm}$
Small to big: divide
 $30 \text{ mm} = 30 \div 10 = 3 \text{ cm}$



Exercise 1



Convert the following:

1. $42.8 \text{ km} = 42.8 \times 1000 = 42,800 \text{ m}$

2. $103 \text{ mm} = 103 \div 10 = 10.3 \text{ cm}$

big to small: multiply
small to big: divide

3. $893.2 \text{ m} = \underline{\hspace{2cm}} \text{ km}$

4. $9.3 \text{ m} = \underline{\hspace{2cm}} \text{ mm}$

5. $32.6 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$

6. $60.84 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

7. $811 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$

8. $34.5 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

9. $4050 \text{ mm} = \underline{\hspace{2cm}} \text{ m}$

10. $95.3 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

11. $478 \text{ mm} \underline{\hspace{2cm}} \text{ cm}$

12. $45 \text{ m} = \underline{\hspace{2cm}} \text{ mm}$



ANSWER

Exercise 1

3. 0.8932

4. 9300

5. 0.326

6. 6084

7. 8.11

8. 34500

9. 4.050

10. 9530

11. 47.8

12. 45,000



DIARY

MATHS C.W

UNIT; 6 EX 1

فِي صَلَاتِكُمْ