

Week 6 Lesson 2 Questions

Metric conversions (2)

RED

kilo	thousand	one thousand times bigger gram/metre/litre
gram/meter/litre		
centi	hundred	one hundred times smaller gram/metre/litre
milli	thousandth	one thousand times smaller gram/metre/litre

1 metre (m) = 100 centimetres (cm) which is one metre multiplied by 100.

1 centimetre (cm) = 10 millimetres (mm) which is one millimetre multiplied by 10

So 8m = 800cm (8 multiplied by 100)

800cm = 8m (800 divided by 100)

8cm = 80mm (8 multiplied by 10)

80ml = 8cm (80 divided by 10)

1. 100cm = ____m
2. 2000cm = ____m
3. 2m = ____cm
4. 200mm = ____cm
5. 500cm = ____mm
6. 250cm = ____m
7. 2000mm = ____cm
8. 4.5m = ____cm

9. $2200\text{cm} = \underline{\hspace{2cm}}\text{m}$

YELLOW

1. $2000\text{mm} = \underline{\hspace{1cm}}\text{cm}$

2. $4.5\text{m} = \underline{\hspace{2cm}}\text{cm}$

3. $2200\text{cm} = \underline{\hspace{2cm}}\text{m}$

4. $45\text{cm} = \underline{\hspace{1cm}}\text{mm}$

5. $35\text{cm} = \underline{\hspace{2cm}}\text{m}$

6. $12\text{mm} = \underline{\hspace{2cm}}\text{cm}$

7. $5.25\text{m} = \underline{\hspace{1cm}}\text{cm}$

8. $175\text{mm} = \underline{\hspace{2cm}}\text{cm}$

9. $65.5\text{cm} = \underline{\hspace{1cm}}\text{m}$

GREEN

1. $5.25\text{m} = \underline{\hspace{1cm}}\text{cm}$

2. $175\text{mm} = \underline{\hspace{2cm}}\text{cm}$

3. $65.5\text{cm} = \underline{\hspace{1cm}}\text{m}$

4. $76.8\text{mm} = \underline{\hspace{1cm}}\text{cm}$

5. $7.75\text{m} = \underline{\hspace{1cm}}\text{cm}$

6. $\frac{1}{4}\text{m} = \underline{\hspace{1cm}}\text{cm}$

7. $9.97\text{m} = \underline{\hspace{1cm}}\text{cm}$

8. $\frac{9}{10}\text{m} = \underline{\hspace{1cm}}\text{cm}$

9. $1097\text{cm} = \underline{\hspace{2cm}}\text{m}$

