**Metric Unit Conversions GREEN**



**A: Convert these lengths**

1. 6 m = \_\_\_\_\_ cm
2. 210 mm = \_\_\_\_\_ cm
3. 5.3 km = \_\_\_\_\_ m
4. 0.84 m = \_\_\_\_\_ cm
5. 54 000 mm = \_\_\_\_\_ km
6. 0.067 km = \_\_\_\_\_ mm

**B: Convert these weights**

1. 3000 g = \_\_\_\_\_ kg
2. 5 kg = \_\_\_\_\_ g
3. 560 g = \_\_\_\_\_ kg
4. 35 000 mg = \_\_\_\_\_ kg
5. 9.48 kg = \_\_\_\_\_ g
6. 256 g = \_\_\_\_\_ kg

**C: Convert these volumes**

1. 2000 mL = \_\_\_\_\_ L
2. 500 cL= \_\_\_\_\_ L
3. 45 000 mL = \_\_\_\_\_ L
4. 65 L = \_\_\_\_\_ ml
5. 525 ml = \_\_\_\_\_ cl
6. 465 400 ml = \_\_\_\_\_ L

**D: Exam Questions**

**Q1.**

Logan says, "140 millilitres is more than 1.2 litres". Is he right?

You must explain your answer.

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**(Total for Question is 2 marks)**

**\*Q2.**

Tony runs to keep fit. He wants to run a total of 20 km each week. Here are the distances Tony ran last week.

 6.25 km 4 km 750 m 8 ½ km

Did Tony run 20 km last week? You must show how you got your answer.

**(Total for Question is 3 marks)**

**Q3.**

Jack is 1.78 m tall. Amy is 5 cm taller than Jack. How tall is Amy?

 **(Total for Question is 2 marks)**

**Metric Unit Conversions GREEN**



**A: Convert these lengths**

1. 6 m = \_\_\_\_\_ cm
2. 210 mm = \_\_\_\_\_ cm
3. 5.3 km = \_\_\_\_\_ m
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5. 54 000 mm = \_\_\_\_\_ km
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**B: Convert these weights**

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Tony runs to keep fit. He wants to run a total of 20 km each week. Here are the distances Tony ran last week.

 6.25 km 4 km 750 m 8 ½ km

Did Tony run 20 km last week? You must show how you got your answer.

**(Total for Question is 3 marks)**

**Q3.**

Jack is 1.78 m tall. Amy is 5 cm taller than Jack. How tall is Amy?

 **(Total for Question is 2 marks)**

**Metric Unit Conversions AMBER**

**A: Convert these lengths**

1. 6 m = \_\_\_\_\_ cm
2. 210 mm = \_\_\_\_\_ cm
3. 5.3 km = \_\_\_\_\_ m
4. 0.84 m = \_\_\_\_\_ cm
5. 54 000 mm = \_\_\_\_\_ km
6. 0.067 km = \_\_\_\_\_ mm

**B: Convert these weights**

1. 3000 g = \_\_\_\_\_ kg
2. 5 kg = \_\_\_\_\_ g
3. 560 g = \_\_\_\_\_ kg
4. 35 000 mg = \_\_\_\_\_ kg
5. 9.48 kg = \_\_\_\_\_ g
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**C: Convert these volumes**

1. 2000 mL = \_\_\_\_\_ L
2. 500 cL= \_\_\_\_\_ L
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**D: Exam Questions**

**Q1.**

Logan says, "140 millilitres is more than 1.2 litres". Is he right? You must explain your answer.

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**(Total for Question is 2 marks)**

**\*Q2.**

Tony runs to keep fit. He wants to run a total of 20 km each week. Here are the distances Tony ran last week.

 6.25 km 4 km 750 m 8 ½ km

Did Tony run 20 km last week? You must show how you got your answer.

**(Total for Question is 3 marks)**

**Q3.**

Jack is 1.78 m tall. Amy is 5 cm taller than Jack. How tall is Amy?

 **(Total for Question is 2 marks)**

**Metric Unit Conversions RED**

**A: Convert these lengths**

1. 6 m = \_\_\_\_\_ cm
2. 210 mm = \_\_\_\_\_ cm
3. 5.3 km = \_\_\_\_\_ m
4. 0.84 m = \_\_\_\_\_ cm
5. 54 000 mm = \_\_\_\_\_ km
6. 0.067 km = \_\_\_\_\_ mm

**B: Convert these weights**

1. 3000 g = \_\_\_\_\_ kg
2. 5 kg = \_\_\_\_\_ g
3. 560 g = \_\_\_\_\_ kg
4. 35 000 mg = \_\_\_\_\_ kg
5. 9.48 kg = \_\_\_\_\_ g
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**C: Convert these volumes**

1. 2000 mL = \_\_\_\_\_ L
2. 500 cL= \_\_\_\_\_ L
3. 45 000 mL = \_\_\_\_\_ L
4. 65 L = \_\_\_\_\_ ml
5. 525 ml = \_\_\_\_\_ cl
6. 465 400 ml = \_\_\_\_\_ L

**D: Exam Questions**

**Q1.**

Logan says, "140 millilitres is more than 1.2 litres". Is he right? You must explain your answer.

Hint: Convert 140 millilitres to litres to help you compare

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**(Total for Question is 2 marks)**

**\*Q2.**

Tony runs to keep fit. He wants to run a total of 20 km each week. Here are the distances Tony ran last week.

Hint: Convert all the measurements to km as decimals, then add together

 6.25 km 4 km 750 m 8 ½ km

Did Tony run 20 km last week? You must show how you got your answer.

**(Total for Question is 3 marks)**

**Q3.**

Jack is 1.78 m tall. Amy is 5 cm taller than Jack. How tall is Amy?

Hint: What is 5 cm in metres?

 **(Total for Question is 2 marks)**