**12 February 2021**

**Activity 4: Answers**

Please mark your work and do corrections before moving on to today’s work.

1. 100 °C 🡪 °F

**° F = (1.8 X ° C) + 32**

= (1.8 X 100) + 32

= 212 °F

2. 220 °C 🡪 °F

**° F = (1.8 X ° C) + 32**

= (1.8 X 220) + 32

= 428 °F

3. 356 °F 🡪 °C

**° C = (° F -32) ÷ 1.8**

= (356 – 32) ÷ 1.8

= 180 ° C

4. 122 °F 🡪 °C

**° C = (° F -32) ÷ 1.8**

= (122 – 32) ÷ 1.8

= 50 ° C

**Topic: Time**

|  |  |
| --- | --- |
| seconds 🡪 minutes ( ÷ 60)  minutes 🡪 hours ( ÷ 60) | minutes 🡪 seconds ( x 60)  hours 🡪 minutes ( x 60) |

**Example - Convert to hours**

* 8 hours 20 min

= 8 + (20 ÷ 60)

= 8.33 hours

* 45 min

= 45 ÷ 60

= 0.75 hours

**Example - Convert to minutes**

* 6.25 hours

= 6.25 x 60

= 375 min

* 7 hours 15 min

= (7 x 60) + 15

= 435 min

**Example - Convert to hours and minutes**

* 8.33 hours

= 8 hours + (0.33 x 60)

= 8 hours 20 min

* 17.42 hours

= 17 hours + (0.42 x 60)

= 17 hours 25 min

**Activity 5**

1. Convert to hours

1.1 30 min

1.2 5 hours 40 min

2. Convert to minutes

2.1 7.75 hours

2.2 6 hours 15 min

3. Convert to hours and minutes

3.1 2.5 hours

3.2 3.17 hours