NC: Contact Centre Support NQF 2: SAQA ID 71490 LP 73269 – Module 1

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# 9008 LEARNER FORMATIVE ASSESSMENT PACK

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| **Learner Name:**  |  |
| **Learner ID Number:**  |  |
| **Group:**  |  |
| **Date of Completion:**  |  |
| **Signature to verify that this is my own work:**  |  |

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| --- | --- | --- | --- |
| Assessor Sign Off:  |   | Learner Sign Off & Date (Feedback):  |   |
| Date:  |   | Coach Sign Off & Date:  |   |
| Decision  |   | Moderator Sign Off & Date:  |   |

Feedback/Notes:

|  |
| --- |
|        |

 Learner Name: Learner ID:

Learner Signature: Date:

# Activity 1 (SO1, AC1-7)

This is an individual activity

1. Estimate (guess) and then measure the lengths of the following line segments. Give your answers in cm and mm.

|  |  |
| --- | --- |
| Estimate | Measured  |
| 1. | 1. |
| 2. | 2. |
| 3. | 3. |

1

2

3

1. 1. In each case give the greater/greatest measurement:
2. 250 g; 0.2 kg
3. 0.01 kg; 12 000 mg; 10 g

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1. Give some examples of fluids that you can buy in packages that are marked in
	1. ml
	2. l

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1. Answer the following questions:

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| How many seconds are there in 2 minutes? |  |
| How many minutes are there in 3 h 45 min? |  |
| How many seconds are there in 610,2 minutes? |  |
| Write the following according to the international time system: 2.16 p.m. |  |
| 12.05 p.m. |  |
| 3.12 a.m. |  |

1. Below the ruler shown in the learner guide is a line. According to this ruler how long is the line?

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1. What is the mass indicated on the spring balance in the learner guide?

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1. What is the temperature indicated by the sketch of the thermometer?

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1. What is the time on the clock shown in the learner guide?

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1. What is the volume of the fluid in the sketch of the measuring cylinder shown in the learner guide?

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1. Complete each of the following:

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| 150cm = \_\_\_\_m |
| 360mm = \_\_\_\_m |
| 62ml = \_\_\_\_litres |
| 3.6 tonnes = \_\_\_\_kg |

1. Complete the table below:

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| **Quantity** | **Unit** | **Abbreviation** |
| Mass |  |  |
|  | Meter |  |
|  |  | s |
| Temperature |  |  |
|  |  | A |
| Light |  |  |
| Chemical standard unit |  |  |

1. Normal body temperature is 98.6°F. What is this in °C? And what is the temperature in Fahrenheit back from °C?

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1. What is a thermometer used for? (1)

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1. What is the normal body temperature of a human being in Celsius? (1)

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1. What is the point at which water freezes in Celsius? (1)

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1. What is the point at which water boils in Celsius? (1)

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1. It is winter and the temperature is 12°C. Calculate the temperature in Fahrenheit

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1. The temperature in New York is 98°F. Calculate the temperature in Celsius.

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1. You correspond with someone in England and s/he has written you about a village that is 135 miles from where s/he lives. Calculate the distance in km.

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1. You read about a person overseas who has cultivated a giant pumpkin, weighing 395 pounds. Calculate the weight in kg.

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1. A farmer near you has harvested a watermelon that weighs 95kg. You want to let your friend in the UK know about this. Calculate the weight in pounds. Round the answer to the nearest pound

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1. You travel 45 km to work every day. Convert this into miles.

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# Activity 2 (SO2, AC1-5)

1. Take 1 piece of A4 paper. Calculate the area. Calculate the circumference. What shape is the paper?

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1. Fold the paper in half, so that it resembles A5 size paper. What shape is the paper now? Calculate the area. Calculate the circumference.

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1. Which shapes have been combined to make this drawing?



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1. Draw a square where all the sides are 6cm long. Calculate the area. Calculate the circumference.

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1. Draw a parallelogram where two of the sides are 6cm long and two sides are 30mm long.

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1. Transform the parallelogram into a trapezium
2. Using your knowledge of geometric shapes, draw the following: A house with a door and windows. Decorate the windows with triangle tessellations. Decorate the walls with rectangle tessellations.
3. A lorry and a mirror image of the lorry.
4. A rough sketch of the training room. Translate (shift or move) the door to the right.
5. Draw the following rectangle and tessellations at a 90º rotation to the right.

