**Volume and Surface Area (F)**

Post-Intervention Assessment

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Question** | **Objective** | **RAG** |
|  1 | Calculate volume and surface area of cubes and cuboids |  |
|  2 | Calculate volume and surface area of prisms, including cylinders |   |

**1.** The diagram shows a sand pit. The sand pit is in the shape of a cuboid.



Sally wants to fill the sand pit with sand.
A bag of sand costs £2.50
There are 8 litres of sand in each bag.

Sally says, "The sand will cost less than £70"

Show that Sally is wrong.

**2**. The diagram shows a prism.



Work out the volume of the prism.

[Glue here]