What’s the Overlap

**Shape and Space**

**Unit 2 Line Master 1a**

You will determine the surface area of three composite objects.

A cylinder with a straight line

Description automatically generated with medium confidence1. a) Determine the surface area of the cylinder.

b) Determine the surface area of the cube.

c) Determine the area of overlap.

d) Subtract the overlap to determine the surface area of the composite object.

What’s the Overlap (cont’d)

**Shape and Space**

**Unit 2 Line Master 1b**

2. a) Detemine the surface area of the triangular prism.

A rectangular object with a triangle

Description automatically generated with medium confidence

b) Determine the surface area of the   
square prism.

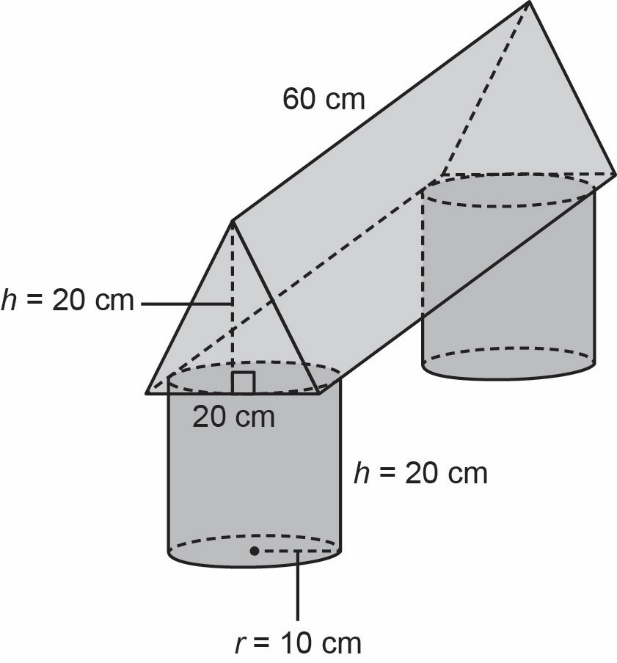
c) Determine the area of overlap.

d) Subtract the overlap to determine the surface area of the composite object.

What’s the Overlap (cont’d)

**Shape and Space**

**Unit 2 Line Master 1c**

3. a) Determine the surface area of the triangular prism.

(\*art not drawn to scale)

b) Determine the surface area of the cylinders.

(\*art not drawn to scale)

c) Determine the area of overlap.

d) Subtract the overlap to determine the surface area of the composite object.