

### Volume of a Gallon of Milk

In this task, use geometric shapes to model as closely as you can the volume of the liquid in the bottle shown below.

The picture shows the side view of the bottle.

Use geometric shapes to figure out as accurately as you can a good approximation for the volume of the liquid in the bottle.

Discuss the Accuracy of your model by talking about where it gives overestimates or underestimates.



You will be assessed on:

- How clearly you showed what you did, using diagrams, formulas, and words;
- How easy it is for someone who was not in your classroom today to repeat what you did and check your approximation for the volume.