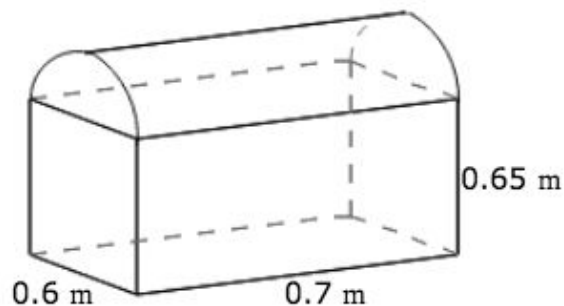


Word problems involving surface area of rectangular prisms and cylinders:

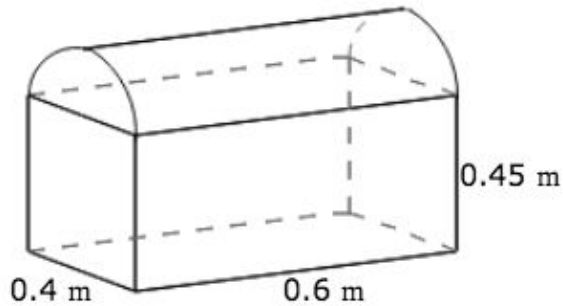
Word problem involving the surface area of rectangular prisms and cylinders

A company manufactures aluminum mailboxes in the shape of a box with a half-cylinder top. The company will make 1649 mailboxes this week. If each mailbox has dimensions as shown in the figure below, how many square meters of aluminum will be needed to make these mailboxes? In your calculations, use the value 3.14 for π , and round up your answer to the next square meter.



Word problem involving the surface area of rectangular prisms and cylinders

A company manufactures aluminum mailboxes in the shape of a box with a half-cylinder top. The company will make 1628 mailboxes this week. If each mailbox has dimensions as shown in the figure below, how many square meters of aluminum will be needed to make these mailboxes? In your calculations, use the value 3.14 for π , and round up your answer to the next square meter.



Word problem involving the surface area of rectangular prisms and cylinders

A company manufactures aluminum mailboxes in the shape of a box with a half-cylinder top. The company will make 1857 mailboxes this week. If each mailbox has dimensions as shown in the figure below, how many square meters of aluminum will be needed to make these mailboxes? In your calculations, use the value 3.14 for π , and round up your answer to the next square meter.

