

Lesson 3

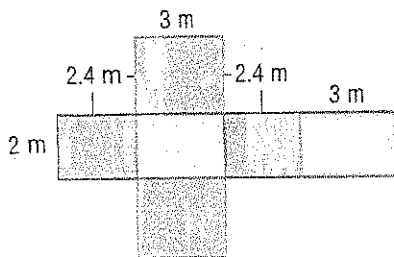
Surface Area of Rectangular Prisms

Guided Practice



Find the surface area of each rectangular prism. (Examples 1–3)

1.



Show your work.

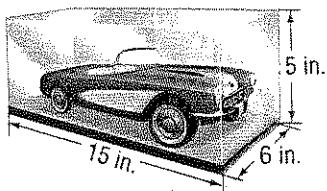
2.



3.



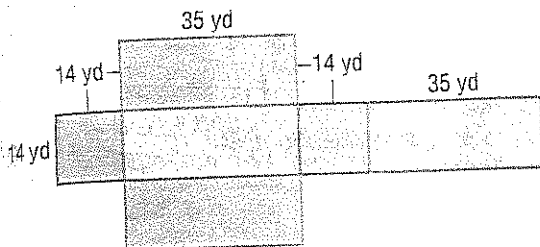
4. Tomás keeps his diecast car in a glass display case as shown. What is the surface area of the glass, including the bottom? (Example 4)



Independent Practice

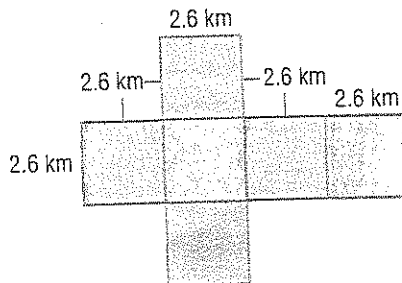
Find the surface area of each rectangular prism. (Examples 1–3)

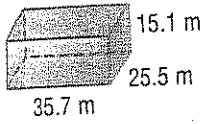
1.



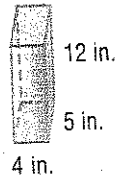
Show your work.

2.

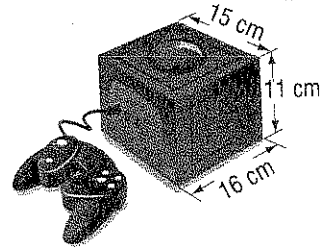




4.



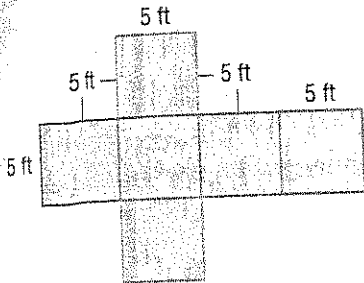
5. **STEM** A game box for video games is shaped like a rectangular prism. What is the surface area of the game box? (Example 4)



Extra Practice

Find the surface area of each rectangular prism.

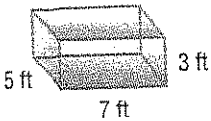
12. 150 ft^2



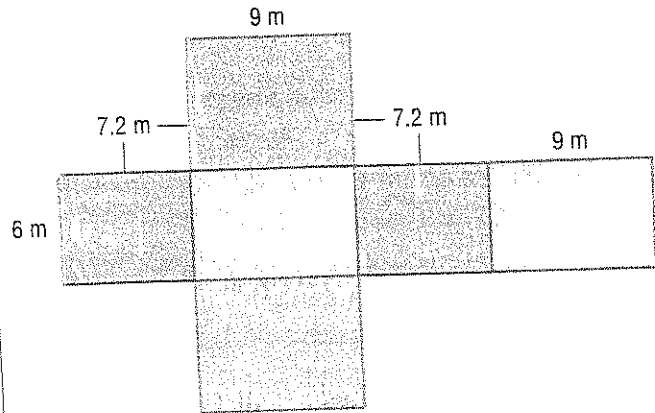
$$2(5)(5) + 2(5)(5) + 2(5)(5) = 50 + 50 + 50 = 150$$

Homework Help

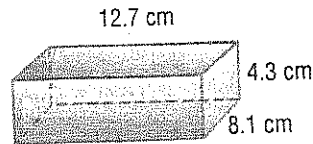
14.



13.



15.



16. Nadine is going to paint her younger sister's toy chest, including the bottom. What is the approximate surface area that she will paint?

