

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

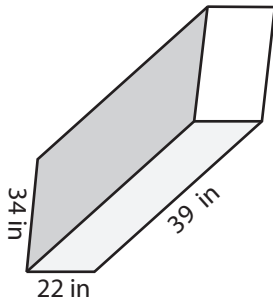
Score : \_\_\_\_\_

MS2

### Volume - Rectangular Prism

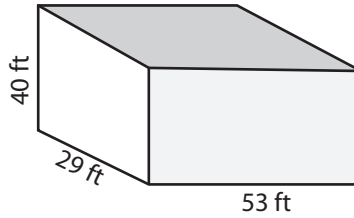
Find the volume of each rectangular prism.

1)



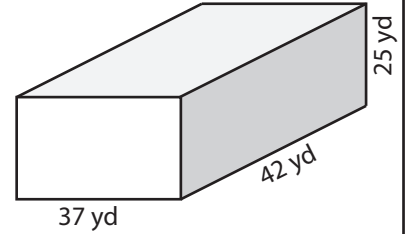
Volume = \_\_\_\_\_

2)



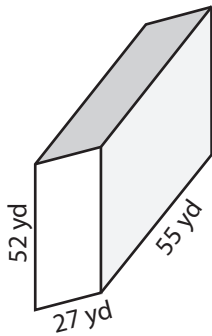
Volume = \_\_\_\_\_

3)



Volume = \_\_\_\_\_

4)



Volume = \_\_\_\_\_

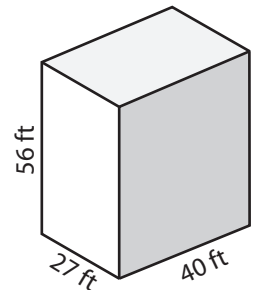
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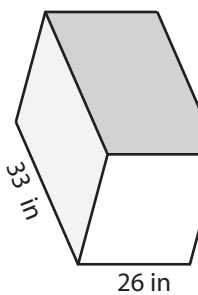
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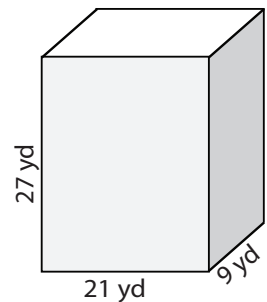


Volume = \_\_\_\_\_

7)



Volume = \_\_\_\_\_



Volume = \_\_\_\_\_

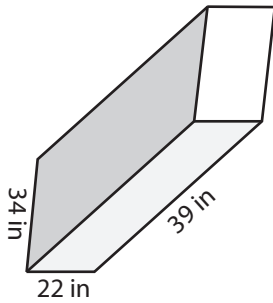
10) The Styrofoam balls are placed inside a box of length 44 feet, width 24 feet and height 13 feet. What is the maximum volume of Styrofoam balls can the box hold?

Volume = \_\_\_\_\_

**Volume - Rectangular Prism**

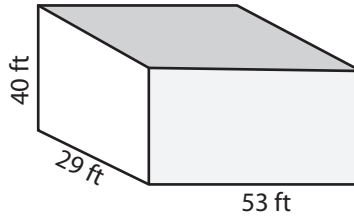
Find the volume of each rectangular prism.

1)



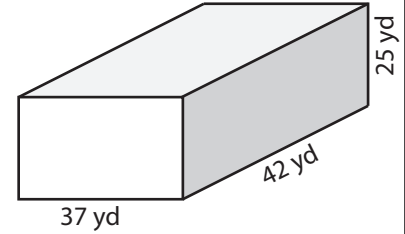
Volume = 29172 in<sup>3</sup>

2)



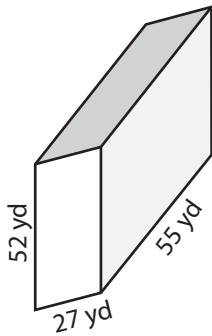
Volume = 61480 ft<sup>3</sup>

3)



Volume = 38850 yd<sup>3</sup>

4)



Volume = 77220 yd<sup>3</sup>

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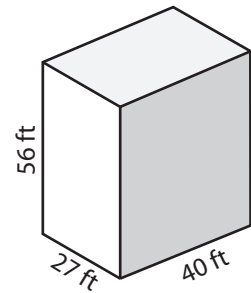
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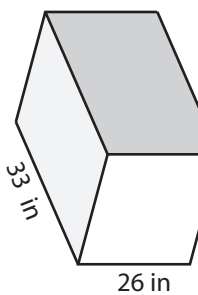
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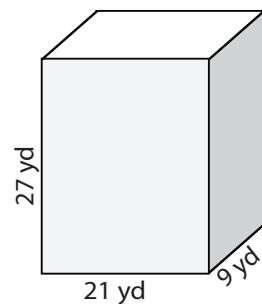
Volume = 60480 ft<sup>3</sup>

7)



Volume = 23166 in<sup>3</sup>

Volume = 15312 ft<sup>3</sup>



Volume = 5103 yd<sup>3</sup>

10) The Styrofoam balls are placed inside a box of length 44 feet, width 24 feet and height 13 feet. What is the maximum volume of Styrofoam balls can the box hold?

Volume = 13728 ft<sup>3</sup>