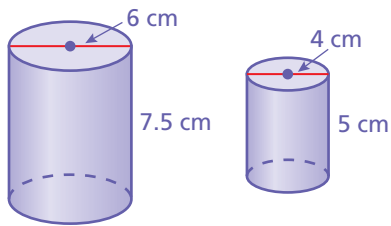
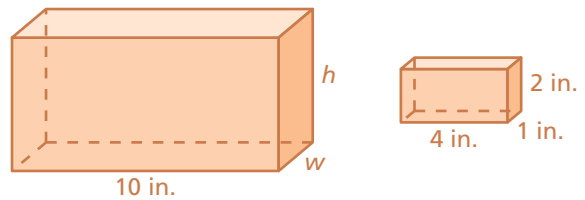


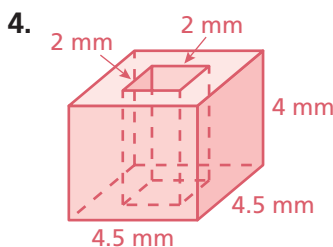
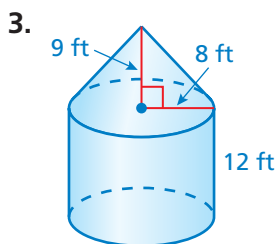
1. Determine whether the solids are similar. (Section 7.6)



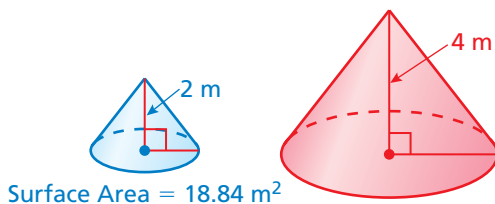
2. The prisms are similar. Find the missing width and height. (Section 7.6)



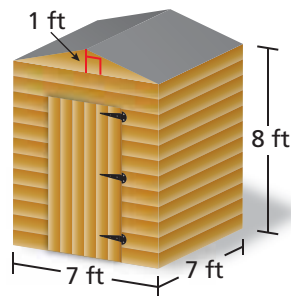
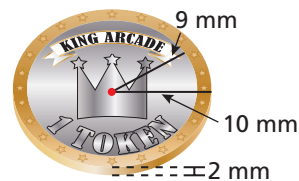
Find the volume of the composite solid. Round your answer to the nearest tenth. (Section 7.5)



5. The solids are similar. Find the surface area of the red solid. (Section 7.6)



6. **ARCADE** You win a token after playing an arcade game. What is the volume of the gold ring? Round your answer to the nearest tenth. (Section 7.5)



7. **SHED** What is the volume of the storage shed? (Section 7.5)

8. **JEWELRY BOXES** The ratio of the corresponding linear measures of two similar jewelry boxes is 2 to 3. The larger box has a volume of 162 cubic inches. Find the volume of the smaller jewelry box. (Section 7.6)

9. **GELATIN** You make a dessert with lemon gelatin and lime gelatin. What percent of the dessert is lime-flavored? Explain. (Section 7.5)

