Multiplying Fractions | Word Problems

1) Sandra made a birthday cap for her friend, if the radius and the slant height of the cap are $\frac{55}{10}$ inches and $\frac{84}{10}$ inches respectively, how much paper did she use to make the cap? [Hint: Surface area of the cap = π × radius × slant height and use $\frac{22}{7}$ for π]

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2) Ed bought two dowel rods measuring $\frac{15}{2}$ inches and $\frac{13}{2}$ inches to make the frame of the kit

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5) Fiona cuts out a circle of radius $\frac{28}{6}$ yards for a wedding backdrop. What is the area of the circle? [Hint: Area = πr² and use $\frac{22}{7}$ for π]

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