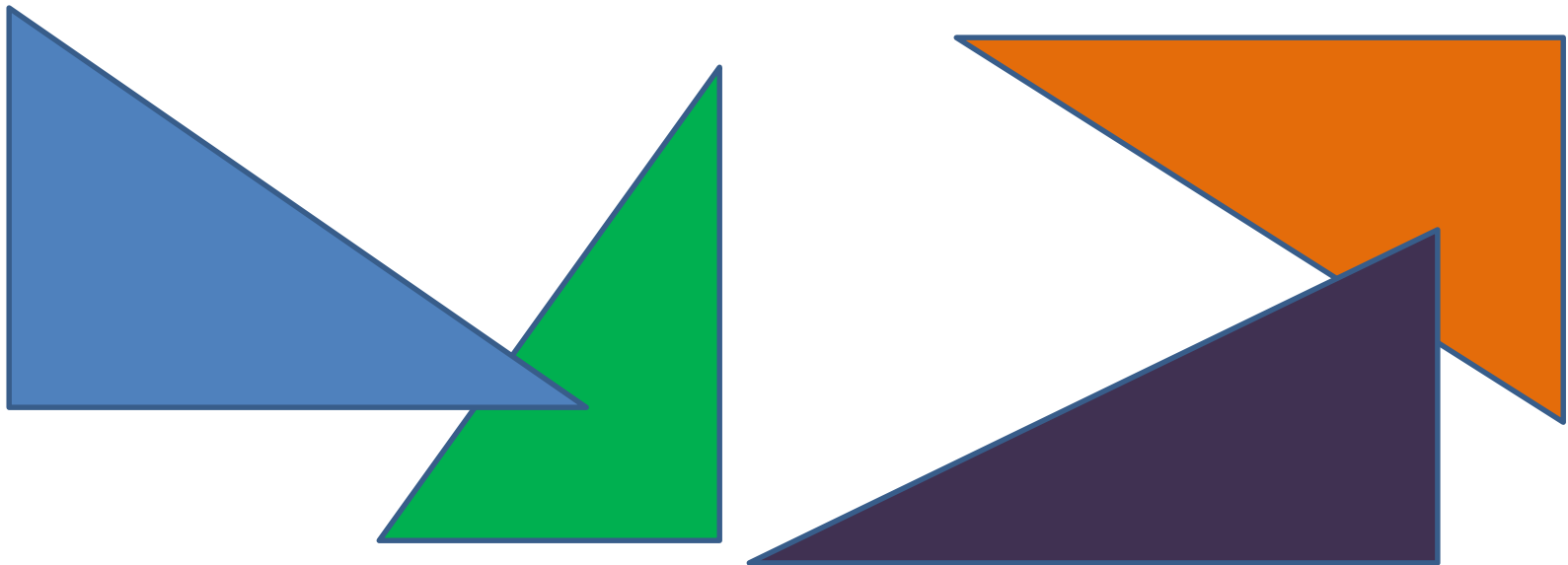
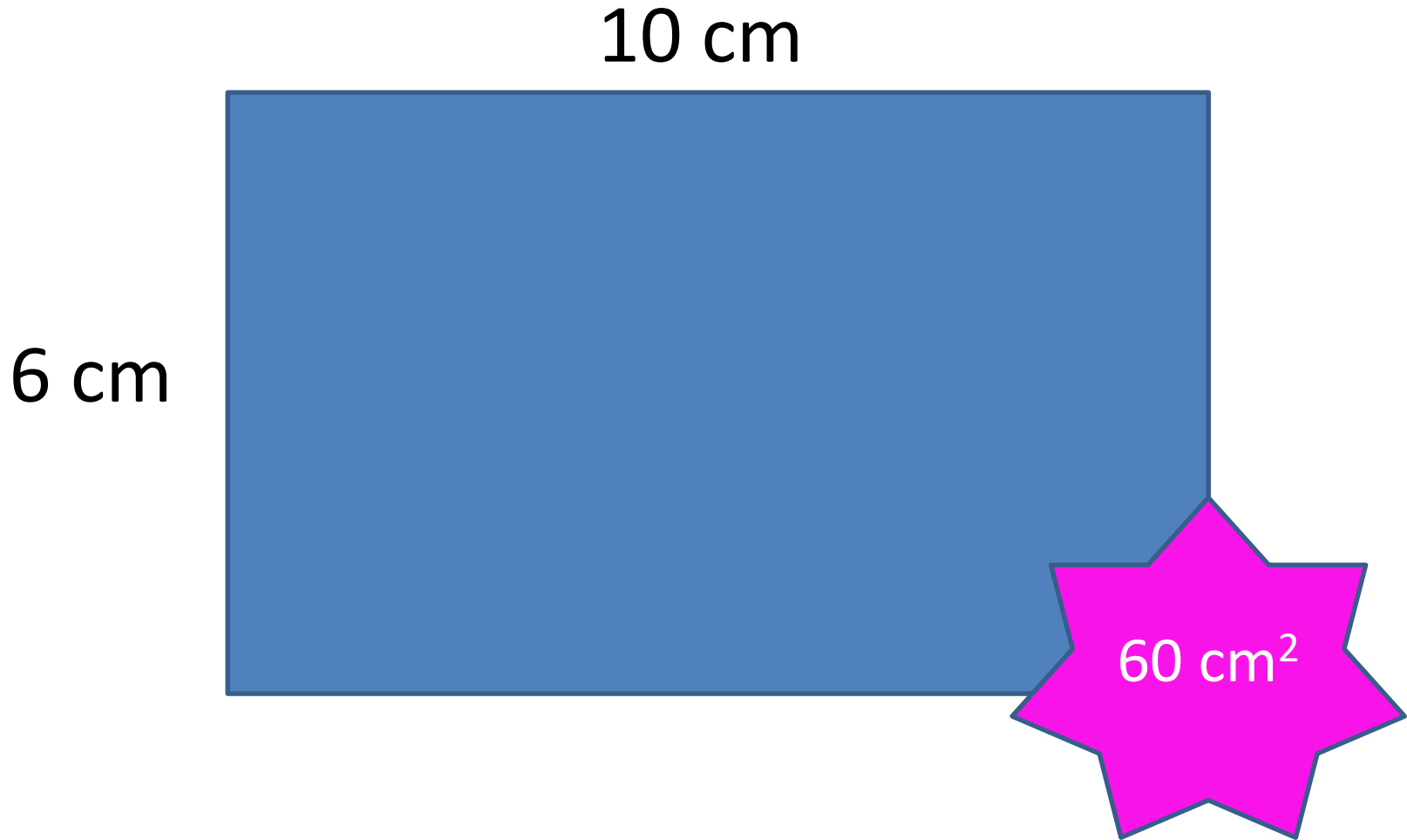


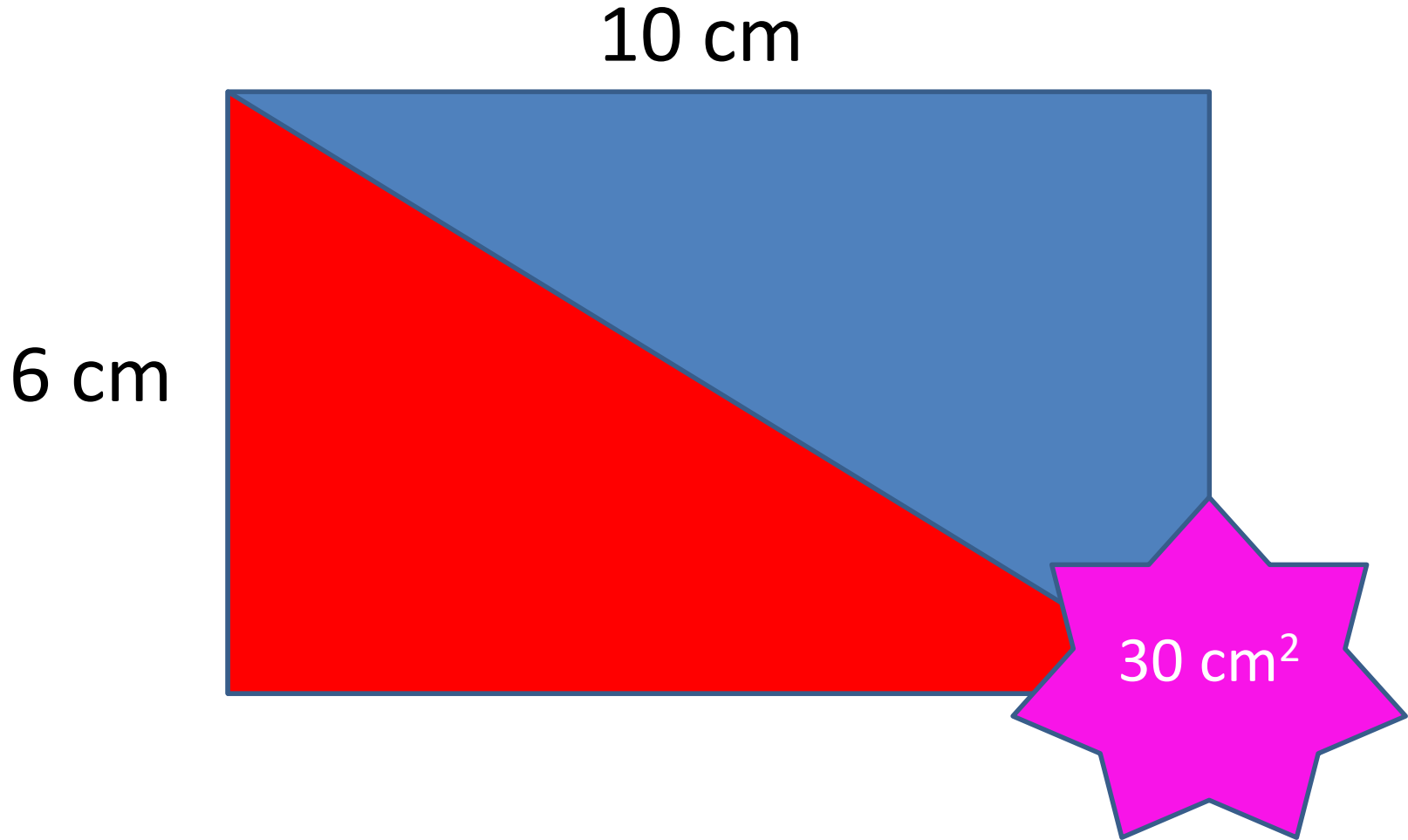
Area of triangles



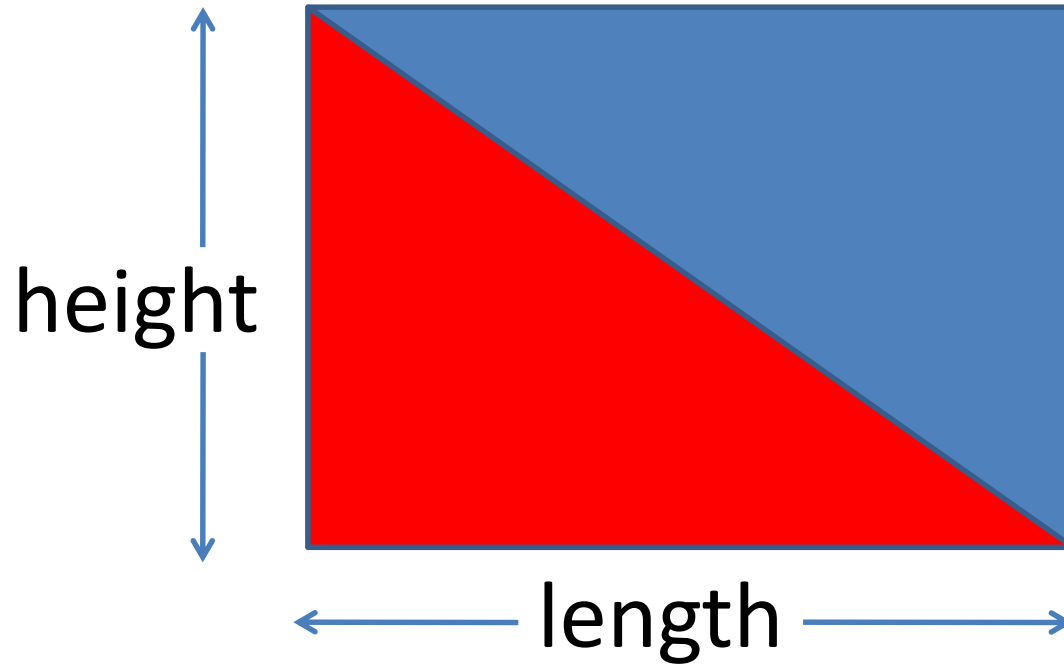
What's the area of this rectangle?



What's the area of the red triangle?

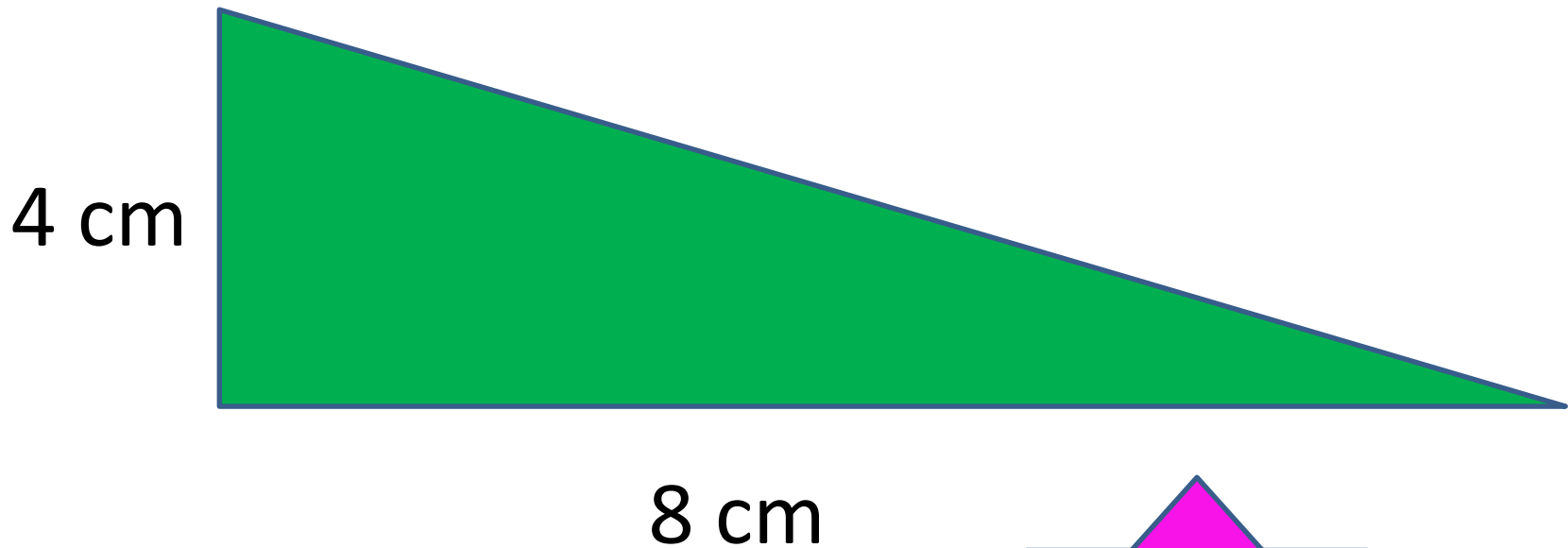


Area of a triangle



$$\text{Area} = \frac{1}{2} \text{ length} \times \text{height}$$

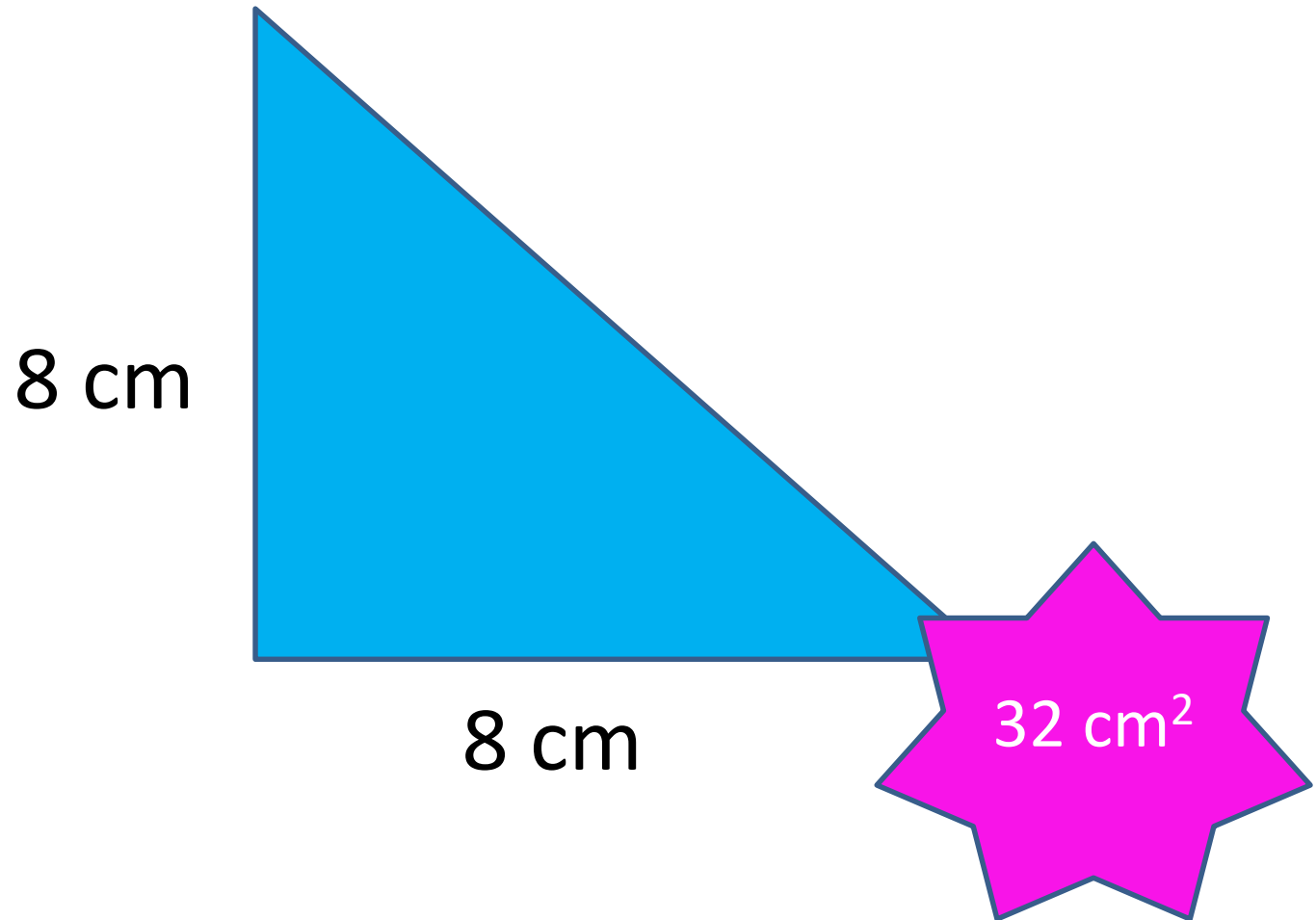
What's the area?



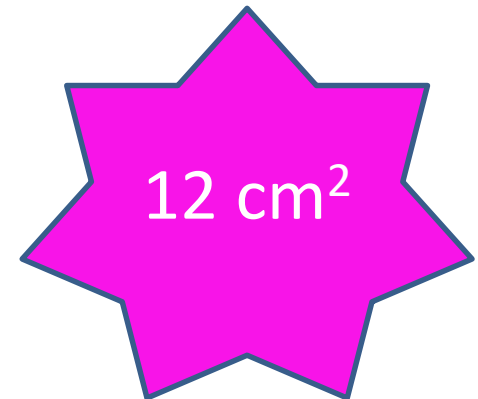
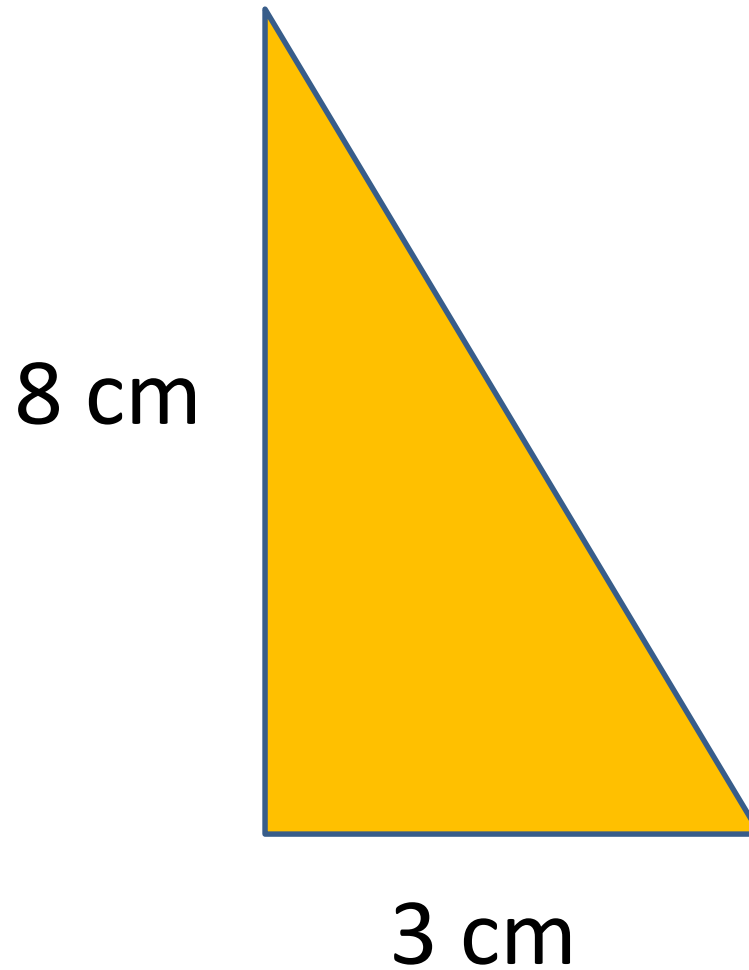
$$\frac{1}{2} \text{ of } 8 \times 4 =$$



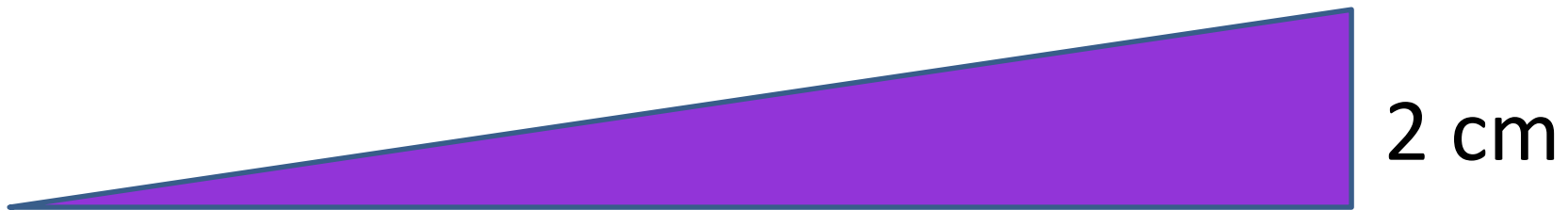
What's the area?



What's the area?



What's the area?



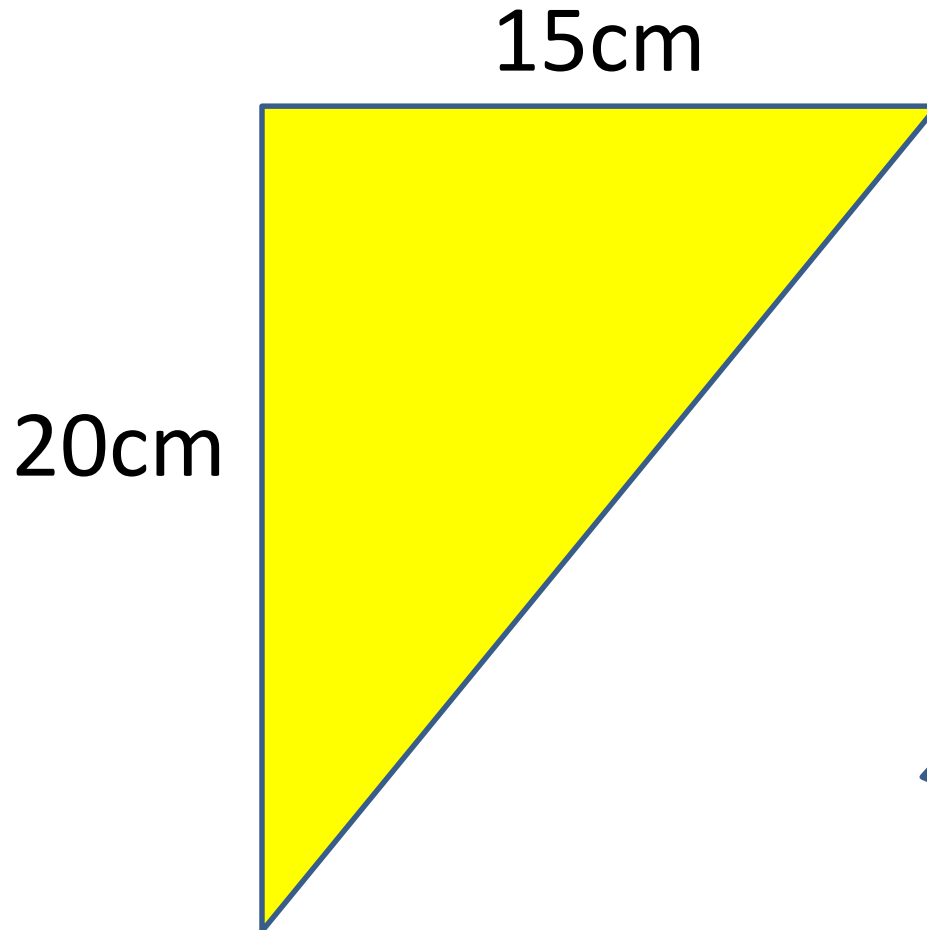
14 cm

2 cm



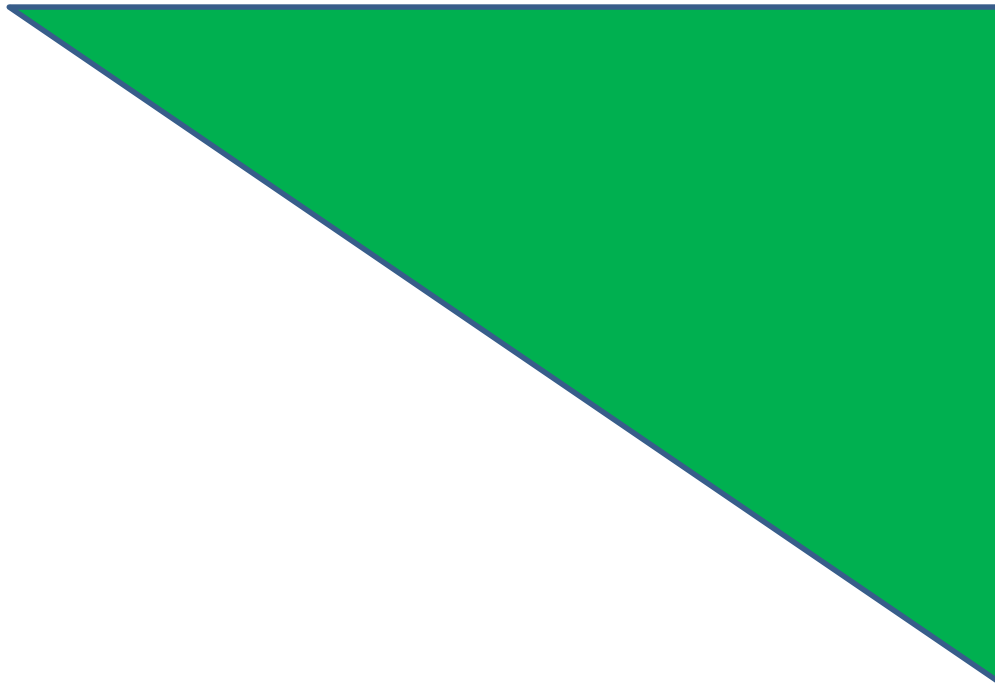
14 cm²

What's the area?



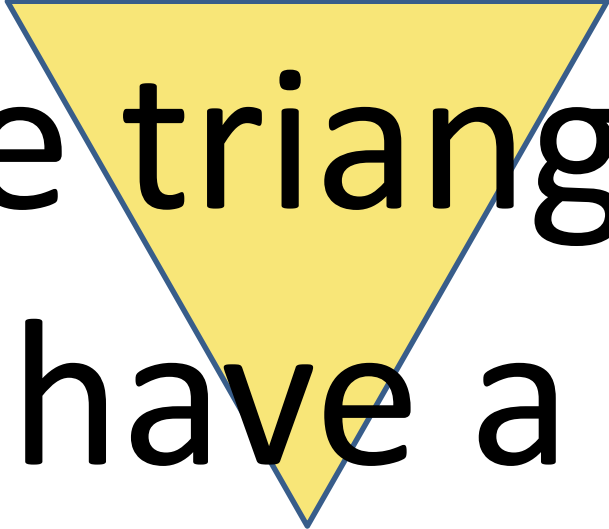
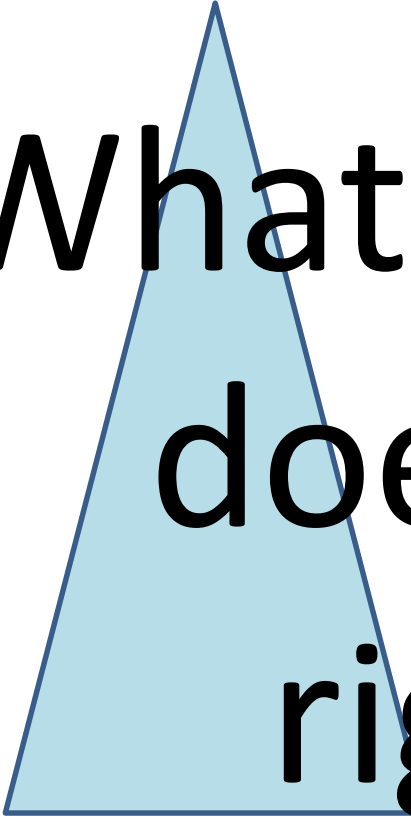
What's the area?

20 cm

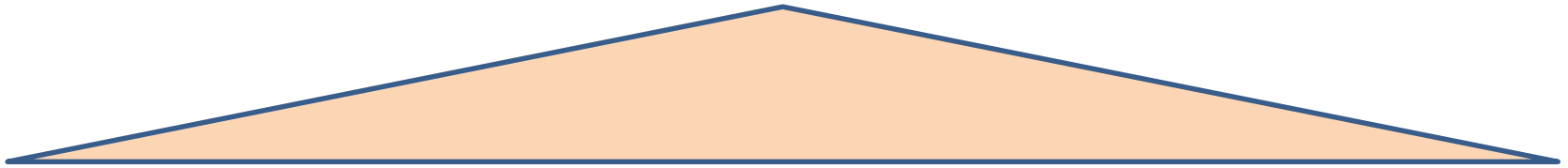


8 cm

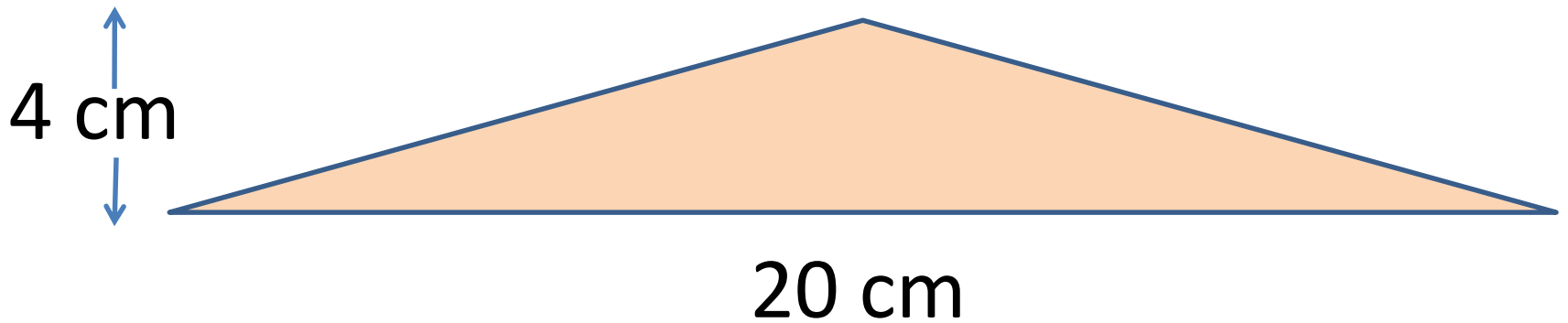




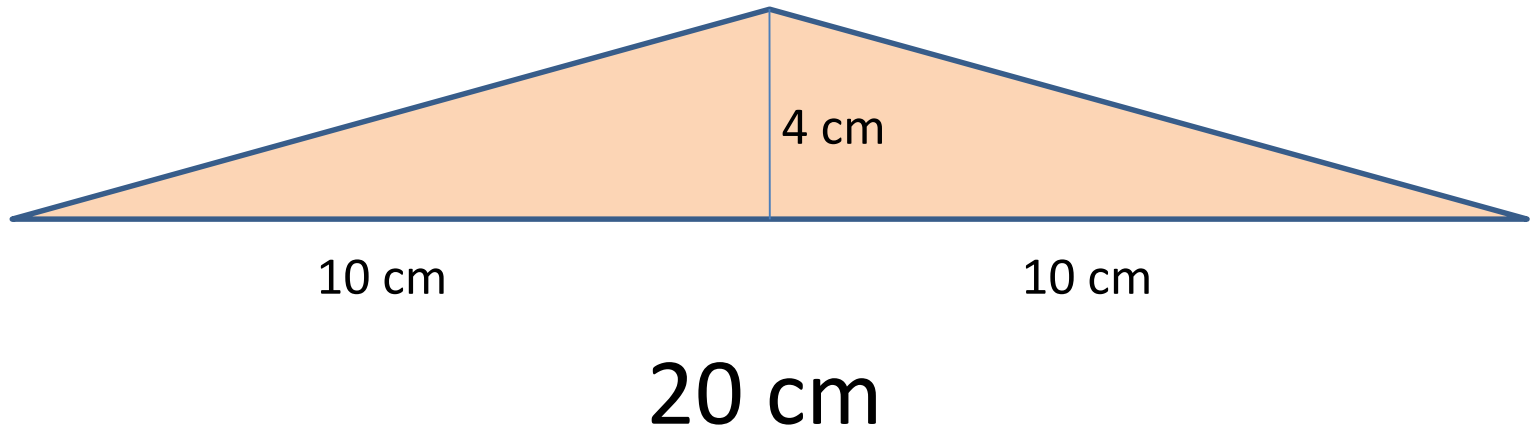
What if the triangle
doesn't have a
right angle?



Split it up!



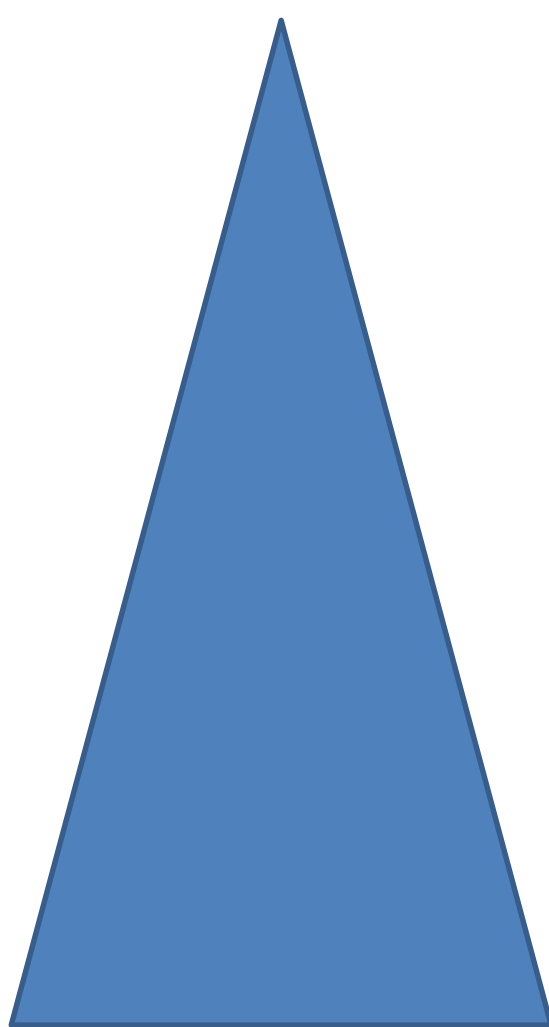
Split it up!



$$(\frac{1}{2} \text{ of } 10 \times 4) + (\frac{1}{2} \text{ of } 10 \times 4) = 20 + 20 = 40$$

$$\frac{1}{2} \text{ of } 20 \times 4 = 40$$

What's the area?



8 cm

10 cm



40 cm²