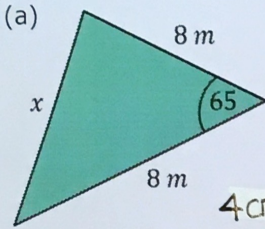


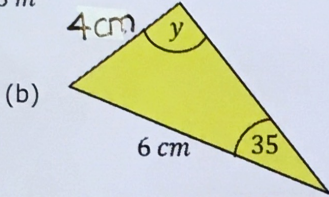
Mixed Sine and Cosine Rule

Find the missing length or angle.

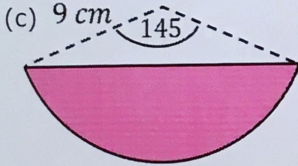


(a) $x = 8.6 \text{ m}$

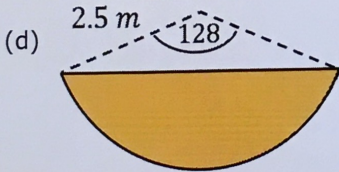
(b) $y = 59.4^\circ$



Find the area of the segment.

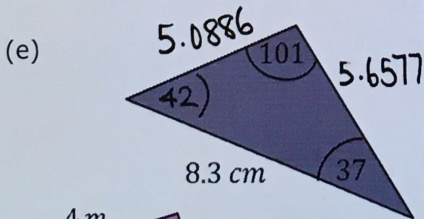


(c) 79.3 cm^2



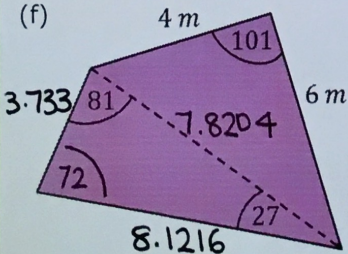
(d) 4.51 m^2

Find the perimeter of these shapes.

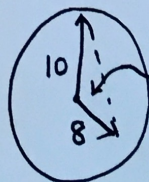


(e) 19.0 cm

(f) 21.9 cm



(g) The hands of a clock have lengths 8 cm and 10 cm. The time on the clock is 5 o'clock. Find the distance between the tips of the two hands.



17.4 cm