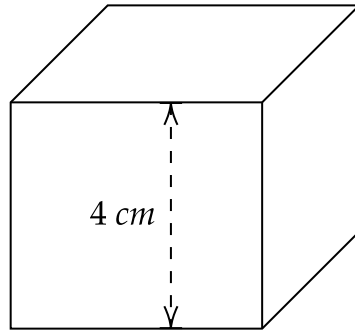


8IM201

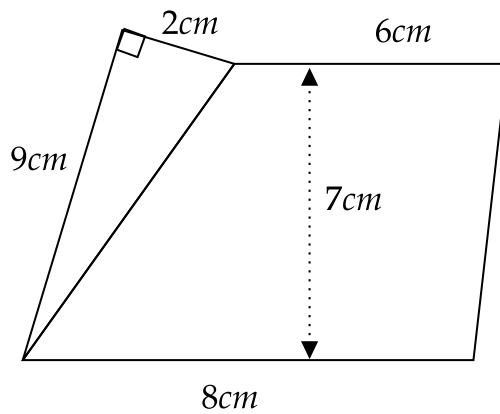
F.M. 10

max time : 10 min

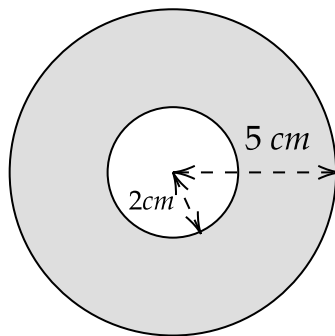
1. Find the surface area of the following cube :



2. Calculate the area of the following figure.

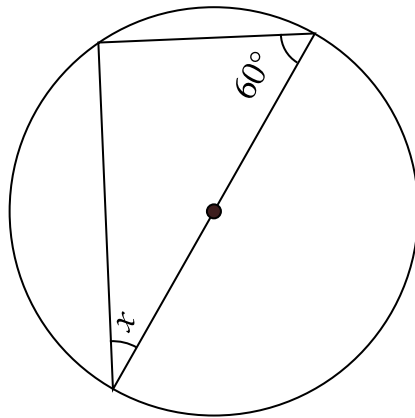


3. Find the area of the shaded region.

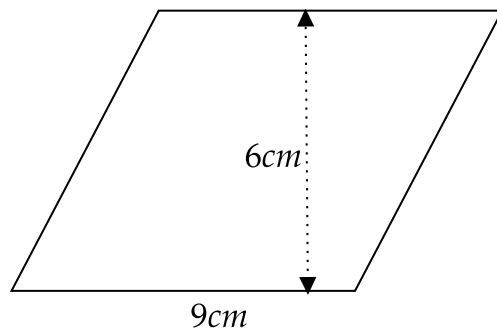


4. Calculate the interest on Rs.60,000 for 2 years at 8% compounded annually.

5. Find x in the following figure.



6. Find the area of the following rhombus.



7. Factorise $24xy^3 + 12x^2y^2$
8. Factorise $16a^2 + 24ab + 9b^2$
9. In how many years will Rs.4000 amount to Rs.5324 at 10% compound interest.
10. Find the area of the shaded area in the following figure.

