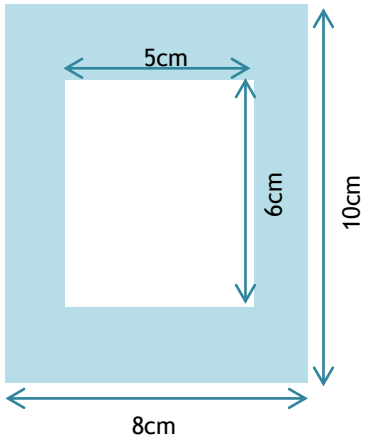
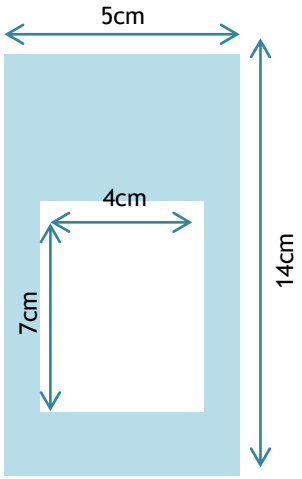
Calculate the shaded areas

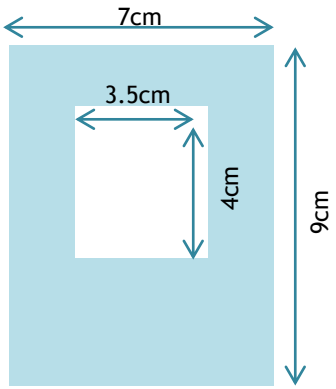
1.



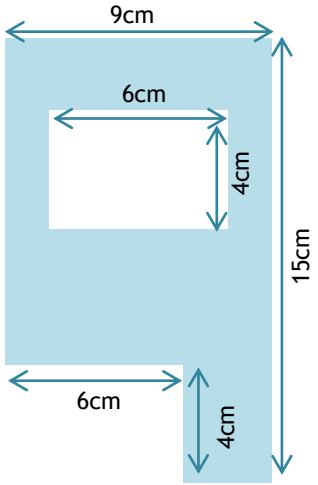
2.



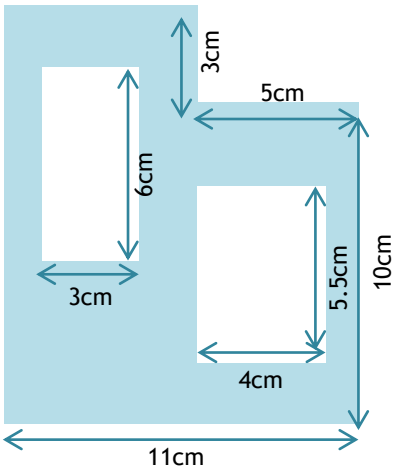
3.



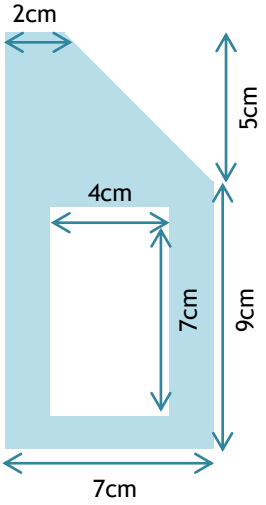
4.



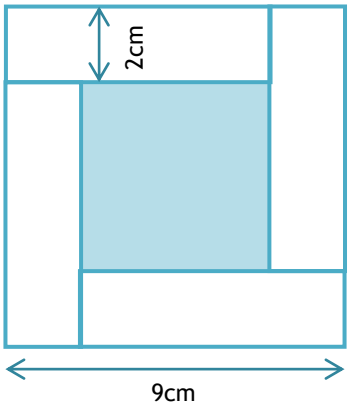
5.



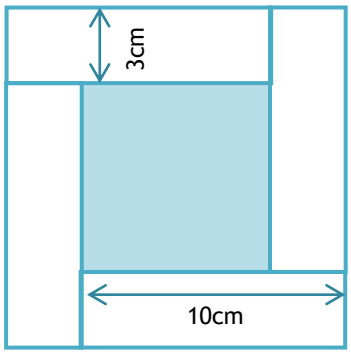
6.



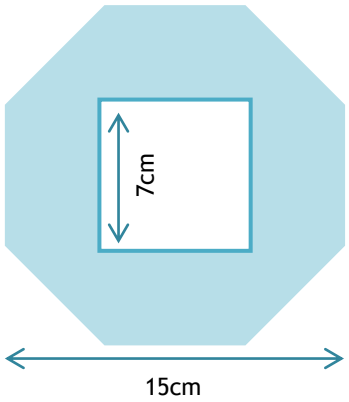
7. All 4 rectangles are identical



8. All 4 rectangles are identical



9. All 4 triangles cut off the square are identical



Answers

Some suggested methods

1. 80 - 30 = 50 cm^2
2. 70 - 28 = 42 cm^2
3. 63 - 14 = 49 cm^2
4. 135 - 48 = 87 cm^2
5. 143 - 15 - 18 - 22 = 143 - 55 = 88 cm^2
6. 98 - 28 - 12.5 = 98 - 40.5 = 57.5 cm^2
7. 5 x 5 = 25 cm^2 **or** 81 - 4(14) = 81 - 56 = 25 cm^2
8. 7 x 7 = 49 cm^2 **or** 169 - 4(30) = 169 - 120 = 49 cm^2
9. 225 - 49 - 4(8) = 225 - 81 = 144 cm^2 **or** 4(28) + 4(8) = 112 + 32 = 144 cm^2