

WALT : To calculate the area of compound shapes by using the correct formula

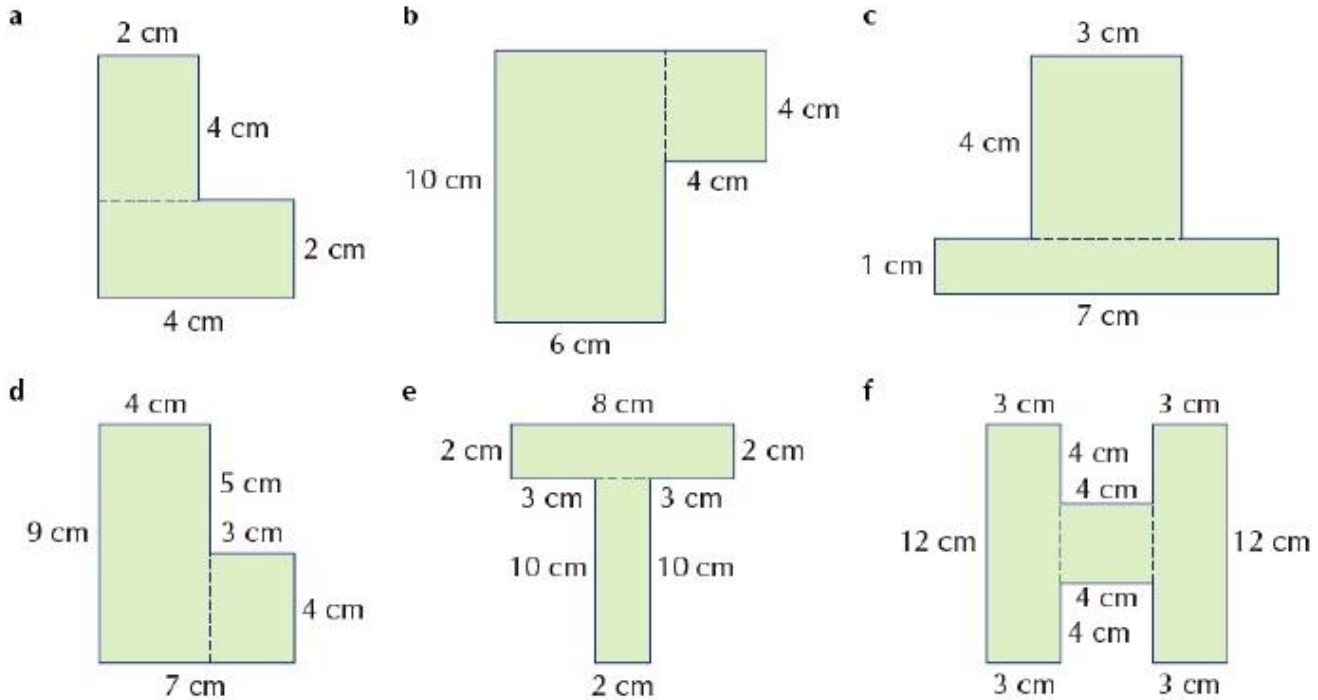
Silver Wilf : I can use a formula to calculate the area of simple compound shapes

Gold Wilf : I can use a formula to calculate the area of compound shapes with higher measurements

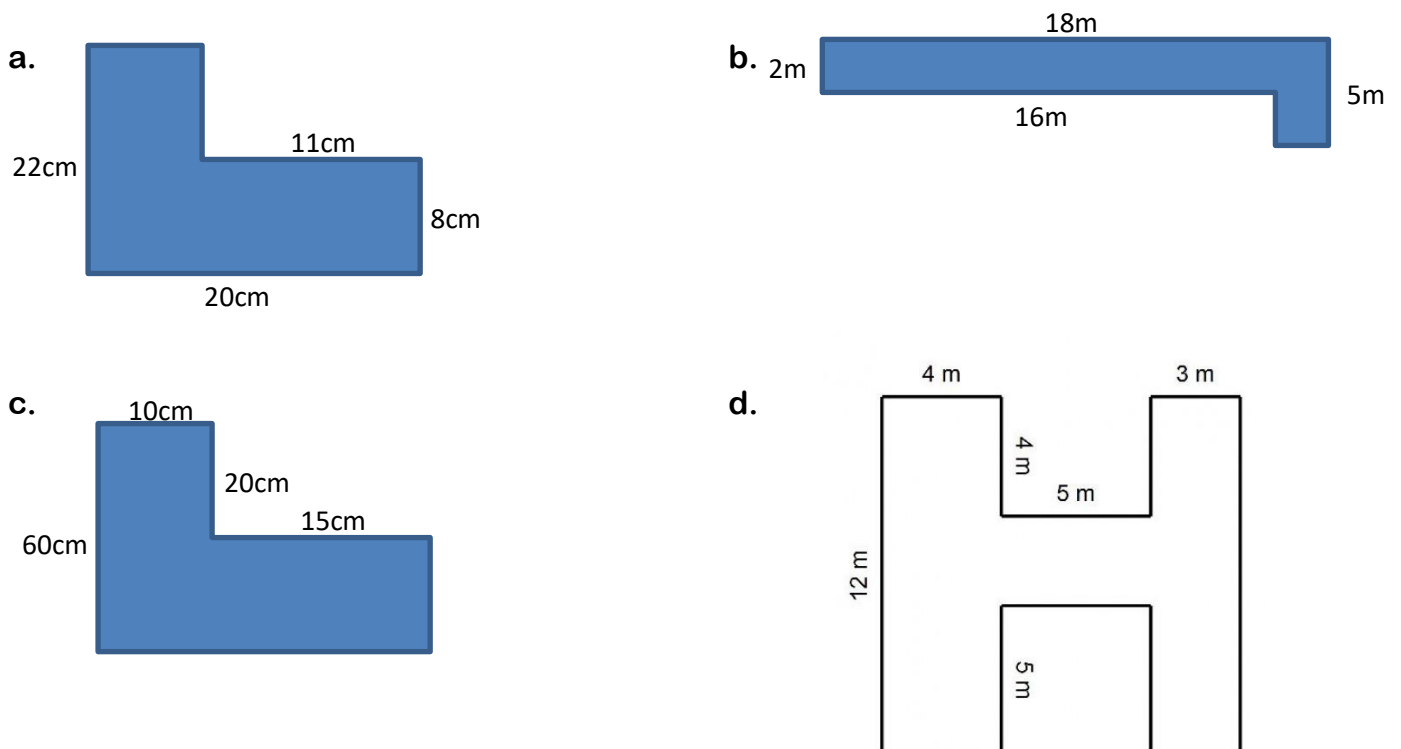
Mastery Wilf : I can use a formula to calculate the area of complex compound shapes with missing measurements

Challenge: I can apply the correct formula to solve complex area questions involving shaded sections.

Section A : Silver

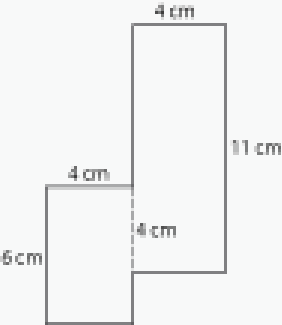


Section B : Gold

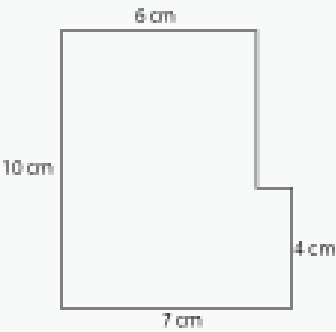


Section C : Mastery

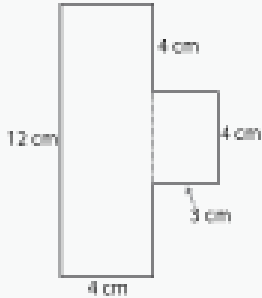
a.



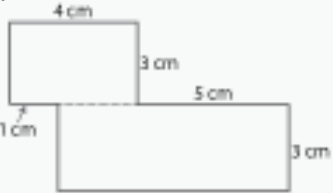
b.



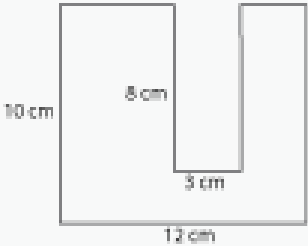
c.



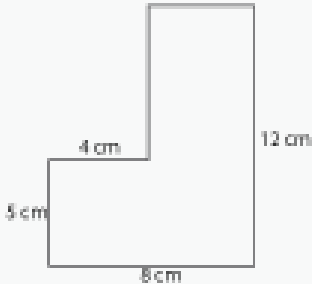
d.



e.



f.

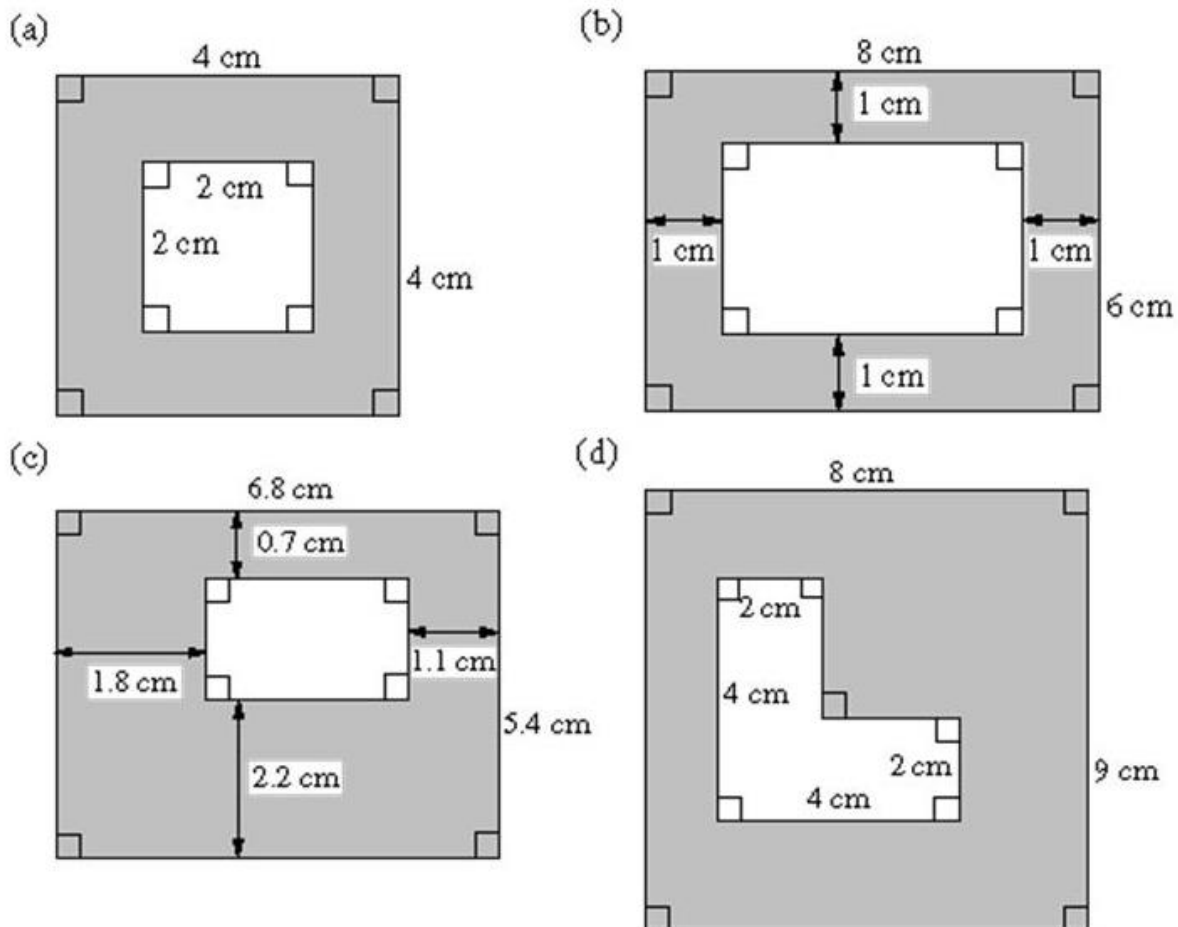


Section D: Challenge

Copy and complete the table showing the measurements of rectangles.

Length	Width	Perimeter	Area
8cm	5cm		
7cm			21cm ²
	6cm	32cm	
9cm		26cm	
	10m		200m ²
12m			24m ²
	7m	36m	
	8m		120m ²

Section E: Challenge



Section F: Challenge

1. A factory is 60cm long and has an area of 3000m^2 . Its warehouse has the same perimeter but is 15m longer. What is the area of the warehouse?
2. Letitia's bedroom is 6m long and 3.6m wide. Brandon's room has the same area but is 40cm wider. How long is Brandon's room?