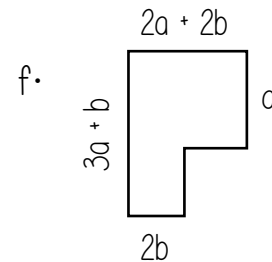
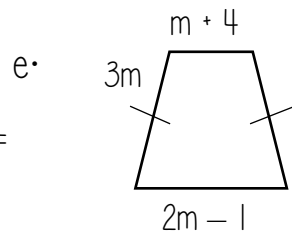
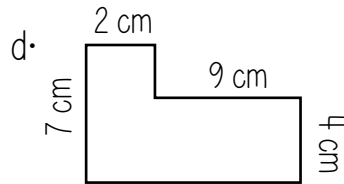
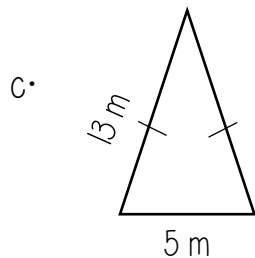
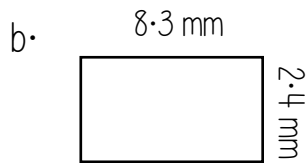
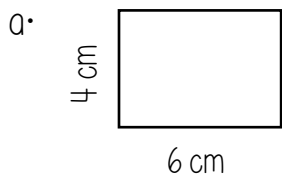
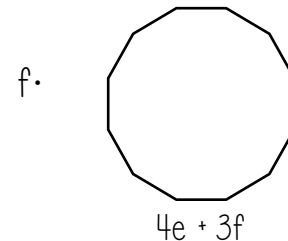
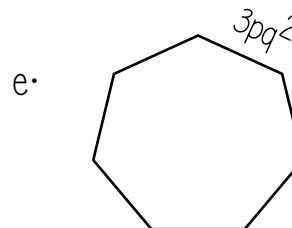
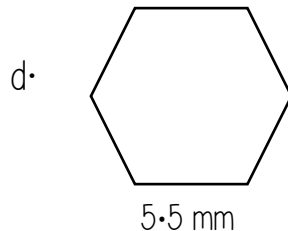
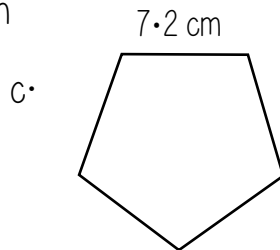
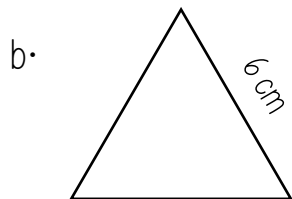
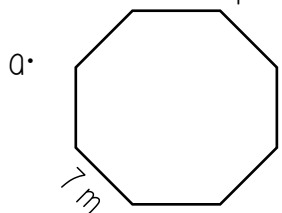


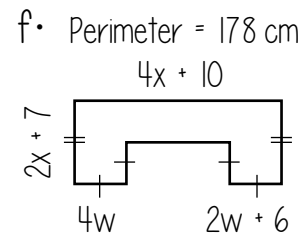
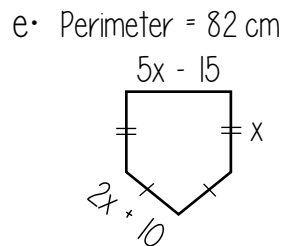
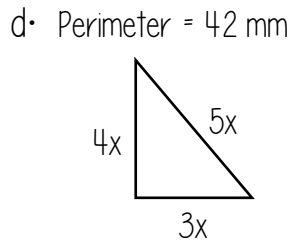
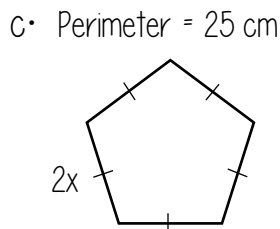
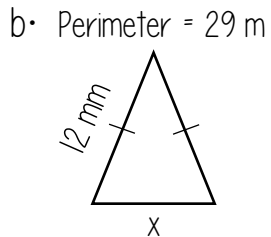
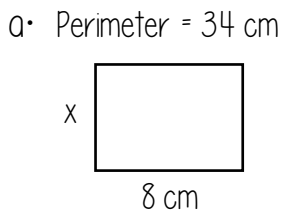
1. Calculate the perimeter of each shape



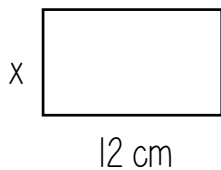
2. Calculate the perimeter of each regular polygon



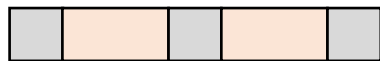
3. Find the value of x, given the perimeter



4. The rectangle and the square have the same perimeter.
Find the value of x.

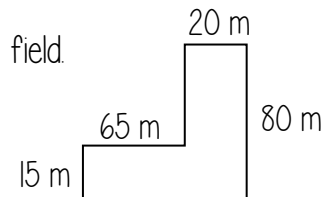


5. A kitchen is going to be tiled with this design.



Each rectangle is twice as long as each square.
The perimeter of each square is 24 cm.
What is the perimeter of the design?

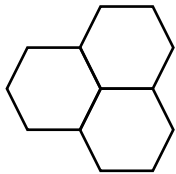
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She has 150 m of old fencing.
Any new fencing costs £3.50 per metre.
How much will it cost to enclose her field?

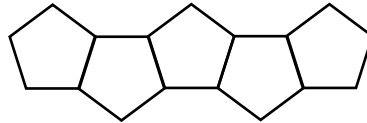
6.

a.
Three regular hexagons are put together to form a new shape.



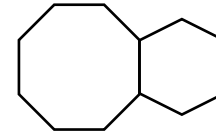
Each hexagon has a perimeter of 18 cm.
Find the perimeter of the entire new shape.

b.
Five regular hexagons are put together to form a new shape.



Each pentagon has a perimeter of 30 cm.
What is the perimeter of the entire new shape?

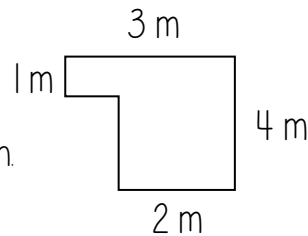
c.
A regular octagon and a regular hexagon are joined together.



The perimeter of the compound shape is 108 mm.
What is the perimeter of the octagon?

7.

Rex wants to redecorate his bedroom.
His mother has given him two options to choose between.
(Assume no windows and doors)



Option 1

Each strip of wallpaper measures 40 cm wide.
It costs 65p per strip.

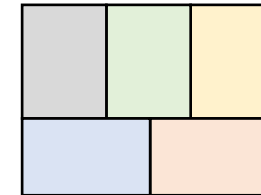
Option 2

Each strip of wallpaper measures 70 cm wide.
It costs £1.12 per strip.

Which option is the cheapest and by how much?

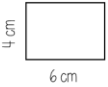


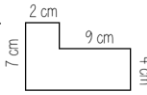
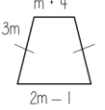
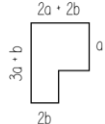
8.

A rectangle has a perimeter of 44 cm.
It is partitioned into 5 congruent rectangles.

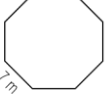

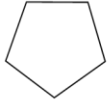
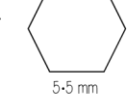
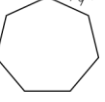
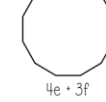


What is the perimeter of each congruent rectangle?



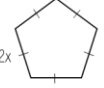


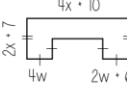
1- Calculate the perimeter of each shape

a.  b.  c.  d.  e.  f. 

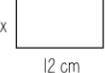

2- Calculate the perimeter of each regular polygon

a.  b.  c.  d.  e.  f. 

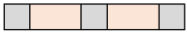
3- Find the value of x, given the perimeter

a. Perimeter = 34 cm  b. Perimeter = 29 m  c. Perimeter = 25 cm  d. Perimeter = 42 mm  e. Perimeter = 82 cm  f. Perimeter = 178 cm 

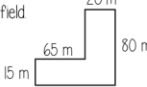
4- The rectangle and the square have the same perimeter. Find the value of x.


5- A kitchen is going to be tiled with this design:


Each rectangle is twice as long as each square. The perimeter of each square is 24 cm. What is the perimeter of the design?

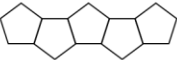
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She has 150 m of old fencing. Any new fencing costs £3.50 per metre. How much will it cost to enclose her field?

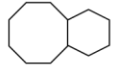
6- a. Three regular hexagons are put together to form a new shape.


Each hexagon has a perimeter of 18 cm. Find the perimeter of the entire new shape.

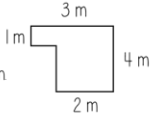
b. Five regular hexagons are put together to form a new shape.


Each hexagon has a perimeter of 30 cm. What is the perimeter of the entire new shape?

c. A regular octagon and a regular hexagon are joined together.


The perimeter of the compound shape is 108 mm. What is the perimeter of the octagon?


7- Rex wants to redecorate his bedroom. His mother has given him two options to choose between. (Assume no windows and doors)



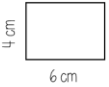
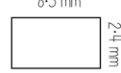

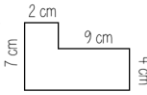
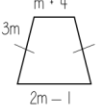
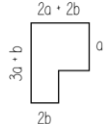
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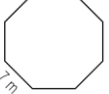

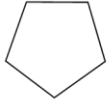
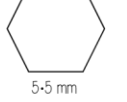
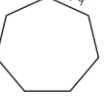
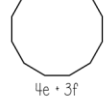
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

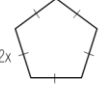


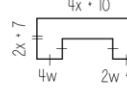
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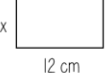

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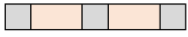
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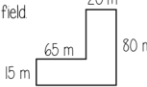
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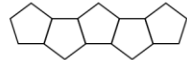
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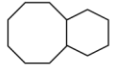
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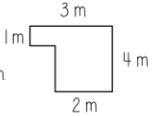
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