Count vertices on 2D shapes

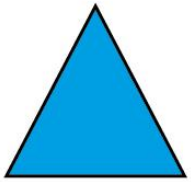
1 Complete the sentences to describe the shapes.

a)



A pentagon has ☐ vertices.

b)

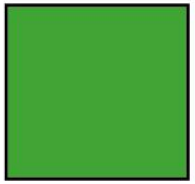


A triangle has ☐ vertices.

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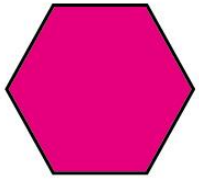
1

c)



A _____ has ☐ vertices.

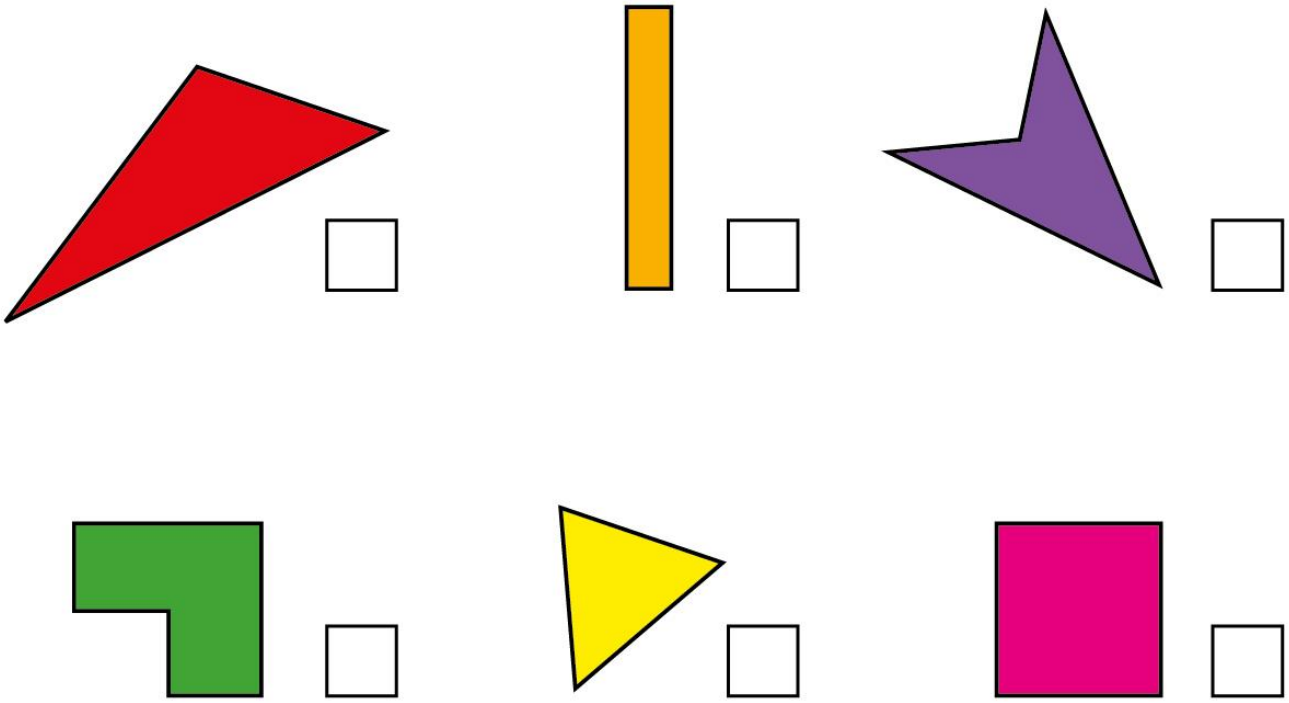
d)



A _____ has ☐ vertices.

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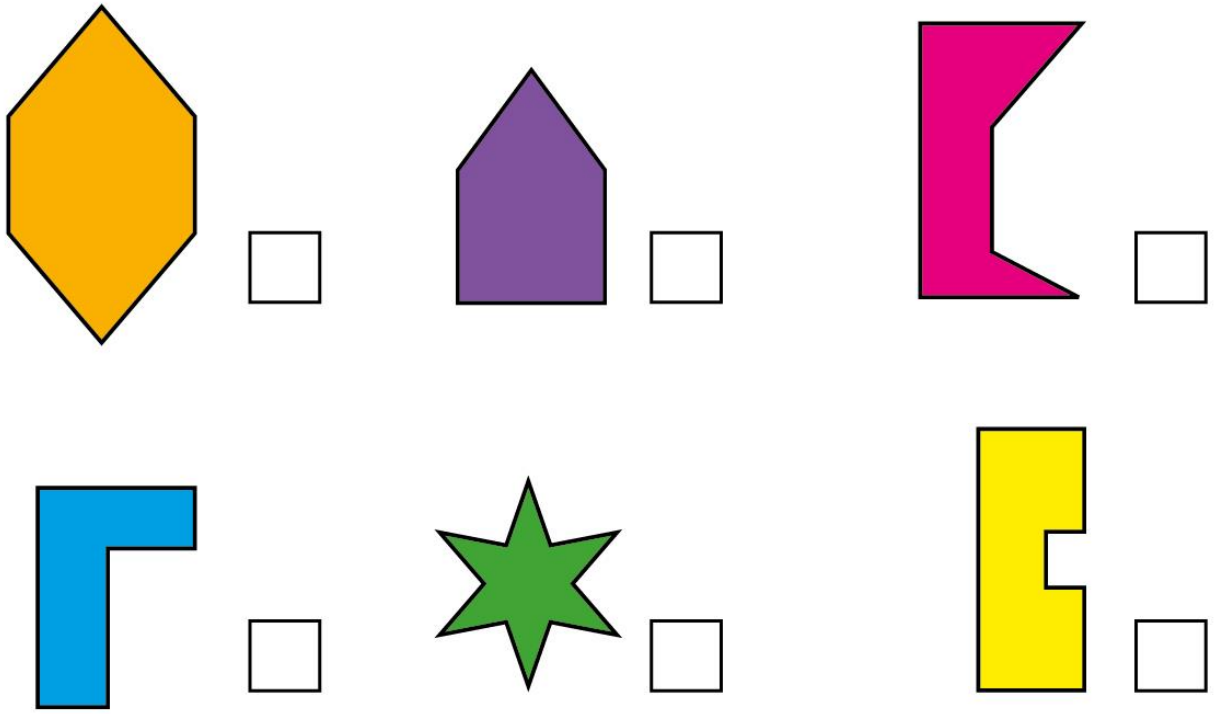
2 Tick the shapes with 4 vertices.



Compare answers with a partner.

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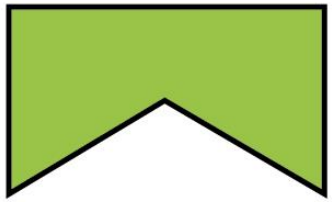
3 Tick the shapes with 6 vertices.

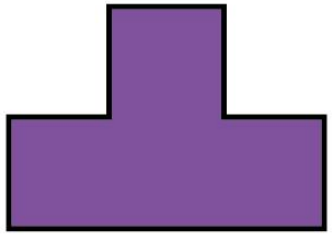


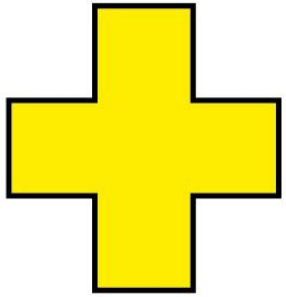
Talk to a partner about your answers.

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4 How many vertices does each shape have?

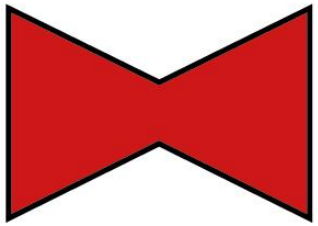
a) 

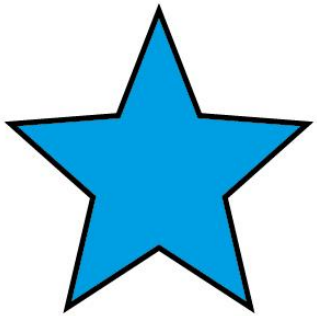
b) 

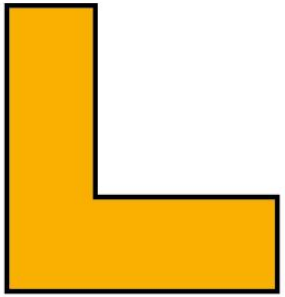
c) 

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4

d)  ☐

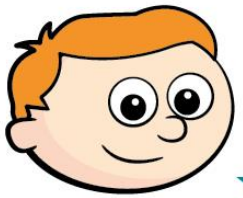
e)  ☐

f)  ☐

How did you count the vertices?

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5



My shape has more vertices than a triangle, but fewer than a hexagon.

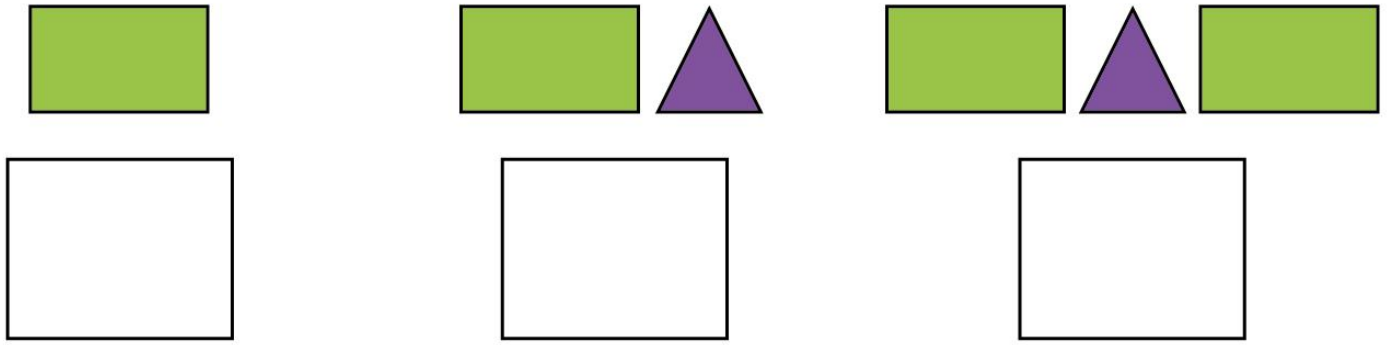
What shape could Ron have? _____

Compare answers with a partner.

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6 Rosie is making a pattern out of shapes.

a) How many vertices are in each term of her pattern?



b) What do you notice?

c) How many vertices will the next term have?



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6 **d)** Create your own pattern with shapes.

Count the number of vertices in each term.

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