



15. How many hexagons can be found in the diagram on the right if each side of a hexagon must consist of all or part of one of the straight lines in the diagram?



- A 4      B 8      C 12      D 16      E 20

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15. D In the given diagram, there are four hexagons congruent to the hexagon in Figure (i), four hexagons congruent to the hexagon in Figure (ii) and eight hexagons congruent to the hexagon in Figure (iii).

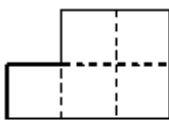


Figure (i)



Figure (ii)

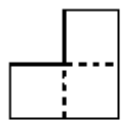


Figure (iii)