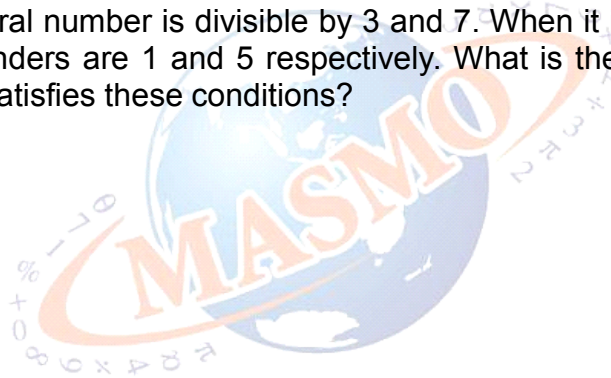




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- 1 A certain natural number is divisible by 3 and 7. When it is divided by 5 and 11, the remainders are 1 and 5 respectively. What is the smallest possible number that satisfies these conditions?





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2



How many line segments are there in the above diagram?





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- 3** Harry had a cold last week. He started taking the meds 5 days ago at 6pm. He had to take 2 pills every 6 hours until he finished taking all pills. Yesterday at 6am, he took the last 2 pills. How many pills did his doctor prescribe?





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- 4 Steven traveled from point A to point B. During the first 20 km he traveled at a constant speed 60 km/h. Then he stopped to rest for 20 minutes. After that he finished off the next 40 km in 20 minutes. What was the average speed in his whole journey?





- 5** A square shape garden has an area of 36 square meters. The owner decided to build a 2 meters wide concrete path. What is the area of the concrete path?

