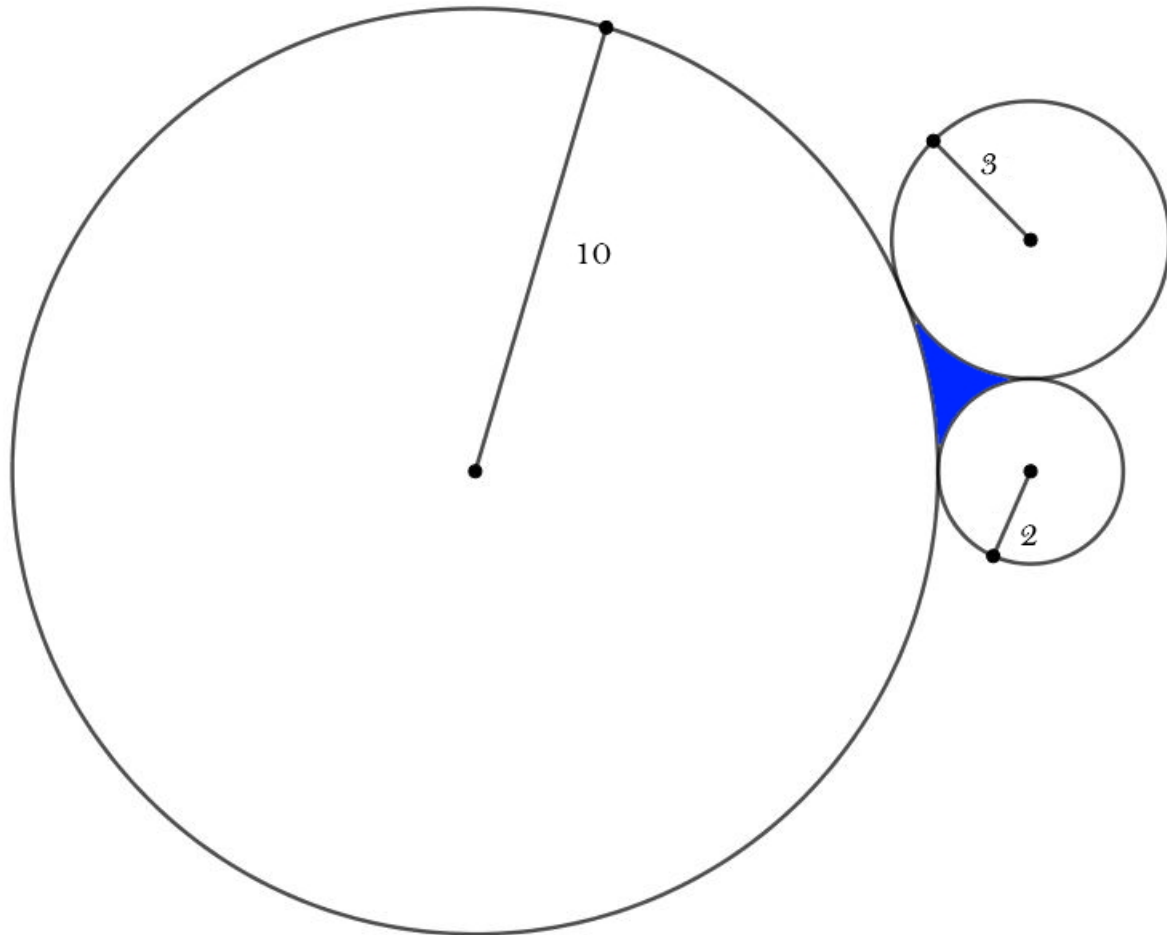# Pi Mu Epsilon Problem of the Month
November 2019

Consider three mutually tangent circles with radii 2, 3, and 10, as pictured above. Find the area of the shaded blue region enclosed by them.

Problem of the Month Rules:
- ⌘ Submissions must include a complete mathematical justification along with the answer.
- ⌘ Submissions may only be made by individuals or groups of two and must be dated.
- ⌘ Due date: November 25, 2019 before 5 p.m. to Dr. Phillip Poplin or Dr. David Shoenthal.

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