

# MATH CHALLENGE

of the ECU Math Club

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## MC6

Billy has 20 identical pieces of candy. His mother says he should share them with his 5 friends. How many different ways can he distribute the candy if some might get no candy or someone might get all the candy?

**Submissions due:** 12:00pm, November 4, 2019

Submit solutions to Wallace 410 or to [Atilla.Sit@eku.edu](mailto:Atilla.Sit@eku.edu) (PDF only).

Solutions must include all supporting work.

Top solvers will be recognized.

