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 (PDF only).
Solutions must include all supporting work.
Top solvers will be recognized.