2. The sum of any 5 consecutive integers is divisible by 5.

   TRUE.

   Proof:

   Let a be any integer and S be the sum of 5 consecutive integers beginning with a.
   $S = a + (a + 1) + (a + 2) + (a + 3) + (a + 4)$
   $S = 5a + (1 + 2 + 3 + 4)$
   $S = 5a + 10$
   $S = 5(a + 2)$ (which is divisible by 5)

   Since a is any integer, S is the sum of any 5 consequtive integers. Therefore, the sum of any 5 consecutive integers is divisible by 5.