A composite number is a natural number with 2 or more (not necessarily distinct) prime factors. Express the composite numbers as simply as you can.

§ I suppose 0 and 1 are not prime. Answer:

0, \((nat+2)\times(nat+2)\)

Since

\[0 = 0 \times 2 \times 3\]

therefore 0 has prime factors 2 and 3 (and all other primes too). So 0 is composite according to the informal definition. Perhaps that was unintended, and the answer should be

\((nat+2)\times(nat+2)\)

Informal definitions are easily misunderstood; formal definitions are unambiguous.