Section 9.3

9.3.1 Give the prime factorization for each number.

    a. $32 = 2^5$

    b. $42 = 2 \cdot 3 \cdot 7$

    c. $84 = 2^2 \cdot 3 \cdot 7$

    d. $36 = 2^2 \cdot 3^2$

    e. $121 = 11^2$

    f. $198 = 2 \cdot 3^2 \cdot 11$

9.3.2 Some numbers and their prime factorization are given below.

- $140 = 2^2 \cdot 5 \cdot 7$
- $175 = 5^2 \cdot 7$
- $532 =$

part. *description* answer