

[T7-05-09-06]
Prime factorization

à **Please do this assignment on other sheets of paper, not on this sheet. Show your work.**

à **Factor each of the following numbers into primes. If the number is prime, say so.**

@1D 9

@2D 30

@3D 42

@4D 15

@5D 165

@6D 110

@7D 26

@8D 182

@9D 210

@10D 97

Answers

@1D $9 = 3 \times 3$

@2D $30 = 2 \times 3 \times 5$

@3D $42 = 2 \times 3 \times 7$

@4D $15 = 3 \times 5$

@5D $165 = 3 \times 5 \times 11$

@6D $110 = 2 \times 5 \times 11$

@7D $26 = 2 \times 13$

@8D $182 = 2 \times 7 \times 13$

@9D $210 = 2 \times 3 \times 5 \times 7$

[10] 97 is a prime number