

Prime Numbers

Oh Factor Tree

What do elves
learn in
School?

Directions:
Find the prime
factorization of each
number. Then fill
in the correct blank
to solve the riddle.
Color.

16
E

104
L

200
T

450
F

782
A

840
H

120
B

$2^3 \cdot 5^2$ $2^3 \cdot 3 \cdot 5 \cdot 7$ 2^4

2^4 $2^3 \cdot 13$ $2 \cdot 3 \cdot 5^2$ $2 \cdot 7 \cdot 2^3$ $2^3 \cdot 3 \cdot 5$ 2^4 $2^3 \cdot 5$