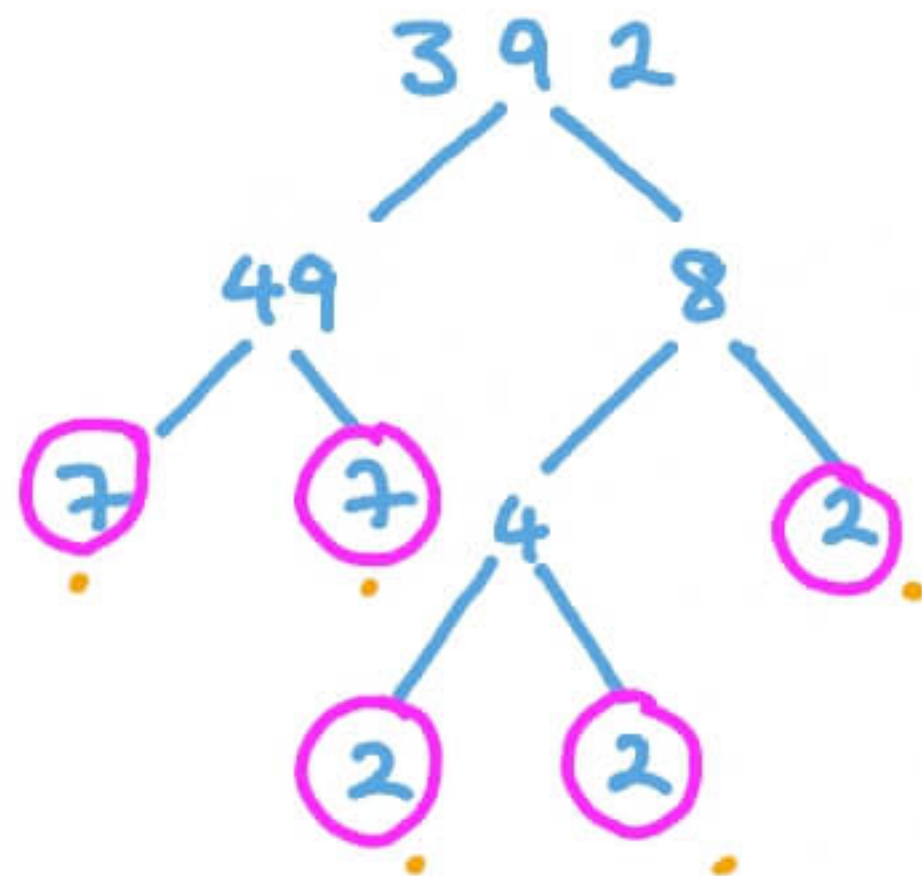


Write the prime factorization of 392 in exponent form.
2, 3, 5, 7, 11, 13...



$$392 \div 2 = 196$$

$$196 \div 2 = 98$$

$$98 \div 2 = 49$$

$$49 \div 7 = 7$$

$$\begin{aligned} 392 &= 2 \times 2 \times 2 \times 7 \times 7 \\ &= \boxed{2^3 \times 7^2} \end{aligned}$$