

$$\frac{\text{fraction}}{\text{fraction}} = \frac{3 \rightarrow \text{Numerator}}{5 \rightarrow \text{Denominator}}$$

\* proper fraction ( $\frac{3}{4}$ ) Numerator is less than Denominator  $\Rightarrow$  value is less than 1

improper fraction ( $\frac{4}{3}$ ) Numerator is more than Denominator, value is greater than 1 (or equal to  $\frac{4}{4}$ )

\* we can write it as mixed number  
( $\frac{7}{3} = 2.333... = (2\frac{1}{3}) \leftarrow$ )

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prime numbers number have only two factors (itself and one)  
2, 3, 5, 7, 11, 13, 17

composite number (Not prime)  
4, 6, 8, 9, 12

①  $\rightarrow$  Not prime & Not composite

# Example

Ⓐ 51  
Composite

$$\frac{51}{2} = 25.5 \times$$

$$\frac{51}{3} = 17 \checkmark$$

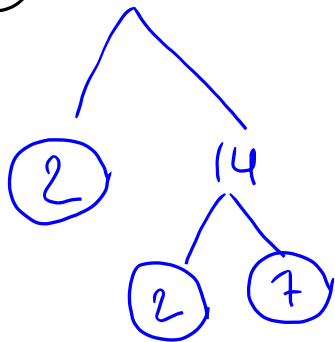
Ⓑ 97  
prime

Ⓒ 8314  
Composite

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writing numbers in primed  
factored form :-

Ⓐ 28



$$\frac{28}{2} = 14$$

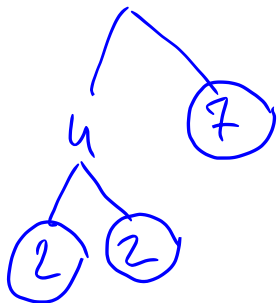
$$\frac{14}{2} = 7$$

$$28 = 2 \times 2 \times 7$$

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28

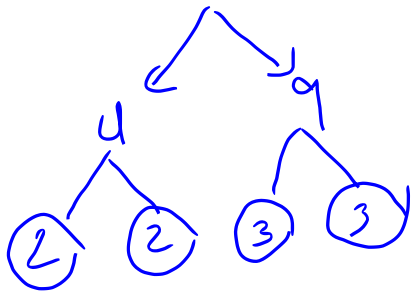
Another  
solution



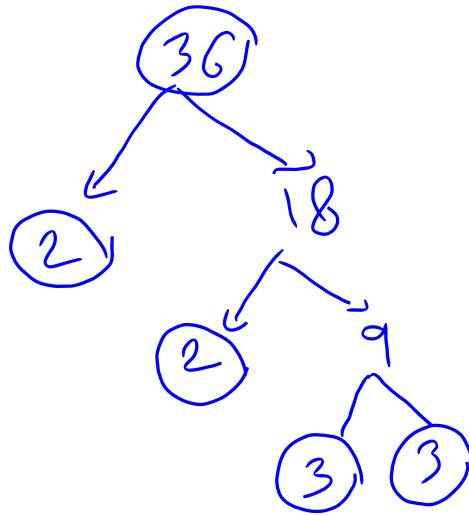
$$28 = 2 \times 2 \times 7$$

⑥

36



$$36 = 2 \times 2 \times 3 \times 3$$



$$36 = 2 \times 2 \times 3 \times 3$$

H.W in prime factored form

① 24

② 75

③ 84