Prime and composite
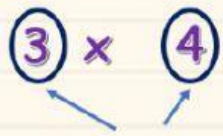
Answer each of the following questions

$$12 = 3 \times 4 \qquad 5 = 1 \times 5$$

The two factors are less than 12

We can't find two factors of 5 that are less than 5

So 12 is composite

So 5 is **not** composite

1. Factorize number **30** in 4 different ways (on the notebook)

$30 = 30 \times 1$ $30 = 15 \times 2$

$30 = 5 \times 6$ $30 = 3 \times 10$

Can 30 be factorized into **two smaller numbers** than itself ? | yes | No |

So, what do we call 30 ? | Prime | composite |

2. Factorize 16 in two different ways (on the notebook)

$16 = \underline{} \times \underline{}$ $16 = \underline{} \times \underline{}$

Can 16 be factorized into **two smaller numbers** than itself ? | yes | No |

So, what do we call 16? | Prime | composite |

3. Factorize **7** (on the notebook)

$7 = \underline{} \times \underline{}$

Can 7 be factorized into **two smaller numbers** than itself ? | yes | No |

So, what do we call 7 ? | Prime | composite |

4. Factorize **9** (on the notebook)

9 =____ × ____

Can 9 be factorized into **two smaller numbers** than itself ? | yes | | No |

So, what do we call 9 ? | Prime | | composite |

5. Factorize **14**

14 =____ × ____

Can 14 be factorized into **two smaller numbers** than itself ? | yes | | No |

So, what do we call 14 ? | Prime | | composite |

6. Factorize **60**

60 =____ × ____

Can 60 be factorized into smaller numbers than itself ? | yes | | No |

So, what do we call 60 ? | Prime | | composite |

7. Factorize **13**

13 =____ × ____

 Can 1 3be factorized into **two smaller numbers** than itself ? | yes | No |

So, what do we call 13 ? | Prime | | composite |