GCSE Mathematics Numbers

Factors and Multiples



$$3 > 100$$
 $86 \stackrel{20}{24}$
 $6 \stackrel{14}{120}$
 $9 \stackrel{70}{6} 8$
 $11 \stackrel{1}{1}$
 $55 \stackrel{49}{30} 60$
 $99 \stackrel{50}{50} 56$
 $68 \stackrel{83}{81} 12 \stackrel{48}{48}$

- i. Which numbers shown in the number clouds above are odd numbers?
- ii. Which numbers shown in the number clouds above are square numbers?
- iii. Which numbers shown in the number clouds above are factors of the following numbers?
 - 21
 - 48
 - 86
 - 65
 - 99
 - 56
 - 30
 - 100
- iv. For each of the numbers in question i, one of their factors is not shown in the number clouds. Which factor is missing?
- v. Which numbers shown in the number clouds above are multiples of the following numbers?
 - 9
 - 12
 - 13
 - 7
 - 11
 - 5
- vi. Write each of the following numbers as a product of prime factors
 - 25
 - 34
 - 28
 - 65
 - 56
 - 99