1   Write 6600 as a product of its prime factors.

.... [2]

Mark Scheme:

$6600 = 6 \times 1100 = 2 \times 3 \times 11 \times 2 \times 5 \times 2 \times 5$

Hence $6600 = 2 \times 2 \times 2 \times 3 \times 5 \times 5 \times 11$

2   Complete each box with the correct power.

$$48 \times 150 = 2^{\boxed{}} \times 3^{\boxed{}} \times 5^{\boxed{}}$$

[2]

Mark Scheme:

5 and 2 and 2	2	Award 1 mark for **two** correct powers **or** for [48 =] $2 \times 2 \times 2 \times 2 \times 3$ **or** for [150 =] $2 \times 3 \times 5 \times 5$ **or** for [7200 =] $2 \times 2 \times 2 \times 2 \times 2 \times 3 \times 3 \times 5 \times 5$	Powers must be in the correct order. For 1 mark, accept as e.g. factor trees, repeated division, listing.