L.O: Common factors

1. Create factor diagrams for the below pairs of numbers. Circle or colour the common factors (the numbers that appear on both factor diagrams). I have included an example factor diagram to show you how to set them out.
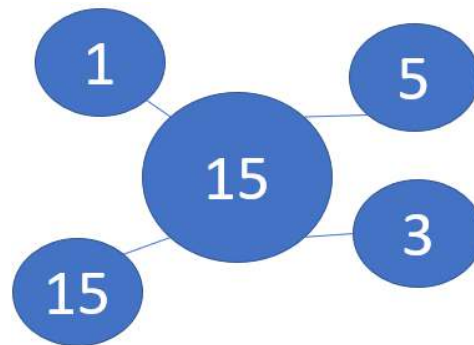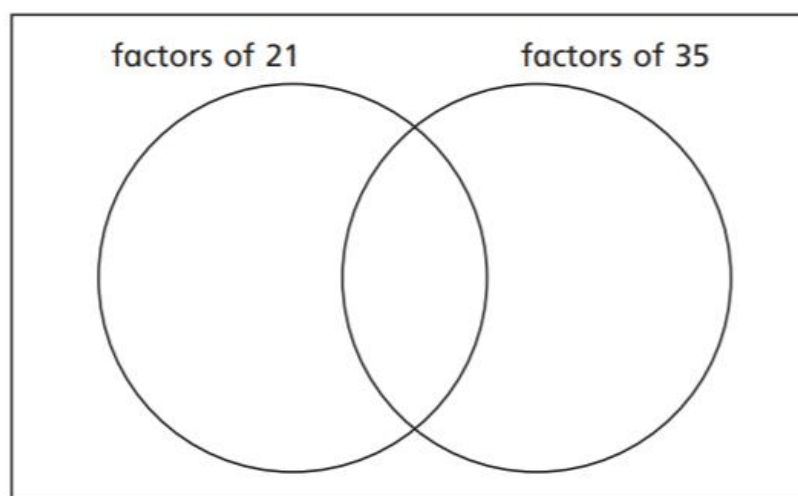
A. 3 and 6
B. 16 and 8
C. 15 and 24
D. 14 and 21
E. 30 and 25

2. **a)** Write the numbers on the diagram.

1   3   5   7   21   35

factors of 21   factors of 35

b) What are the common factors of 21 and 35?