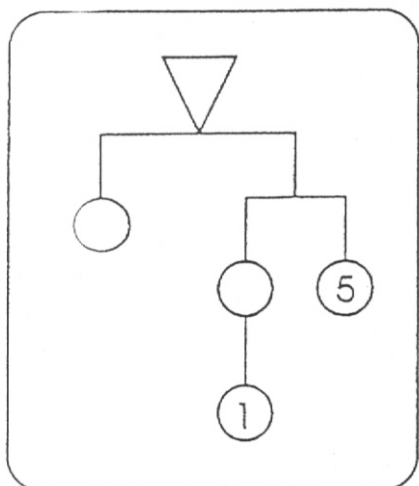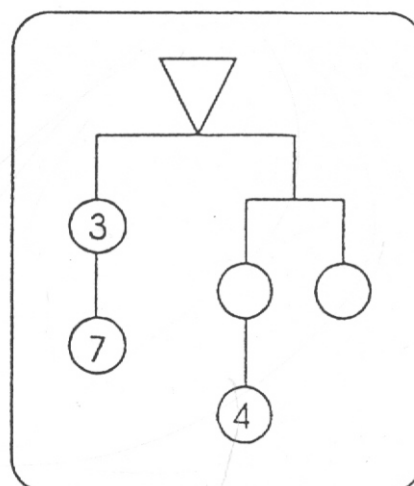The beams balance so the total weight must be the same at either end.
Find the other weights :
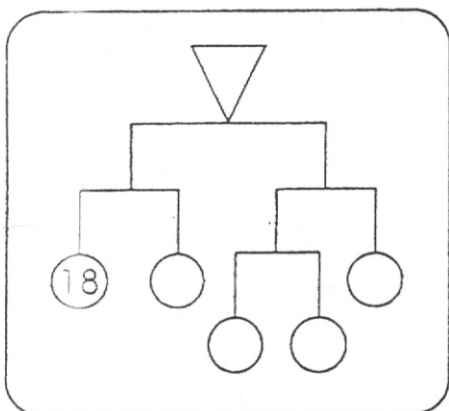
1)

2)

3)

4)

5)

6)

The beams balance so the total weight must be the same at either end.
Find the other weights :

1)

2)

3)

4)

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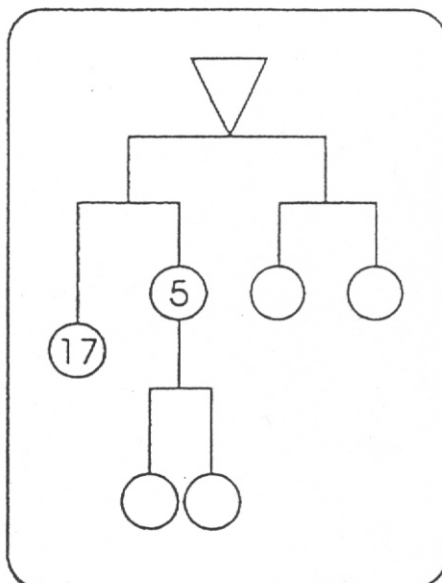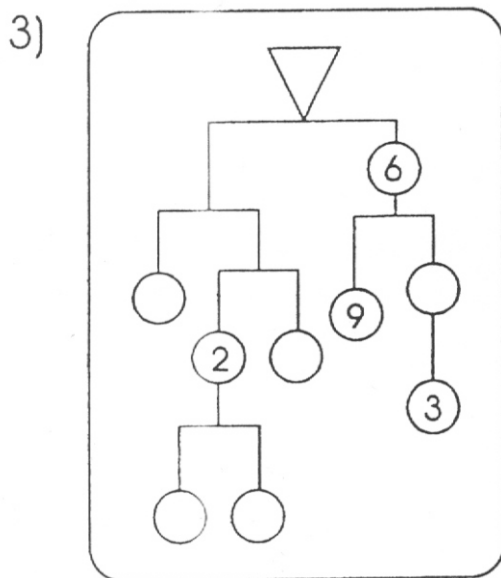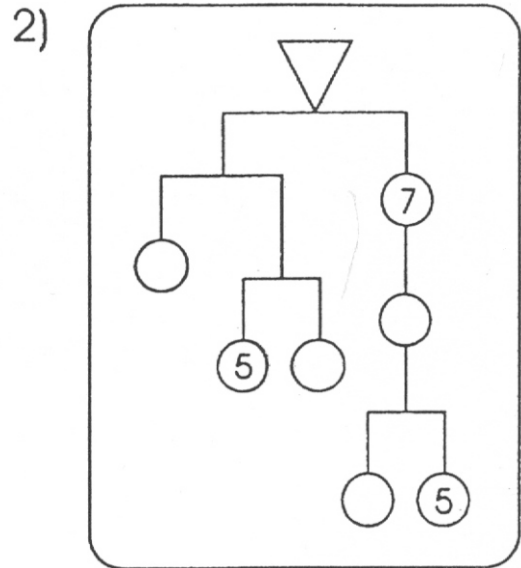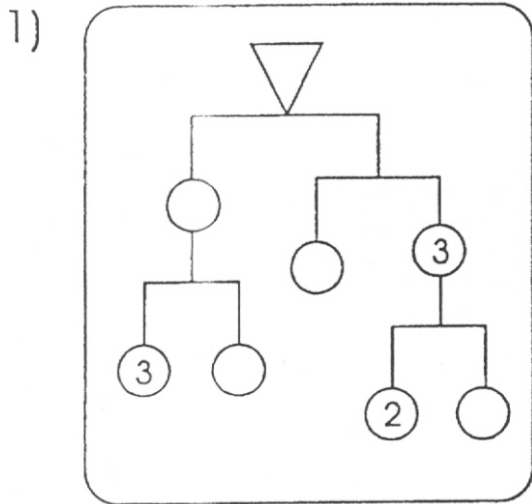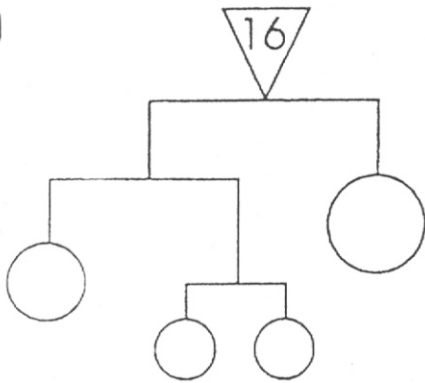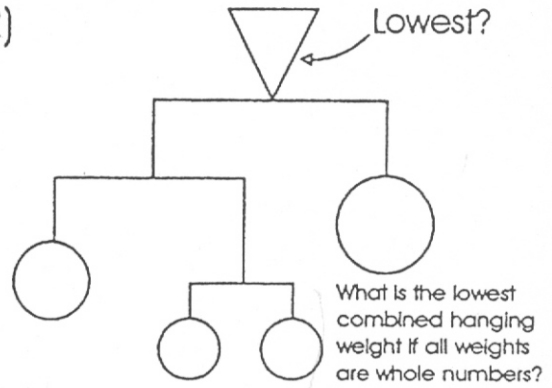Find the other weights :

1)

16

2)

Lowest?

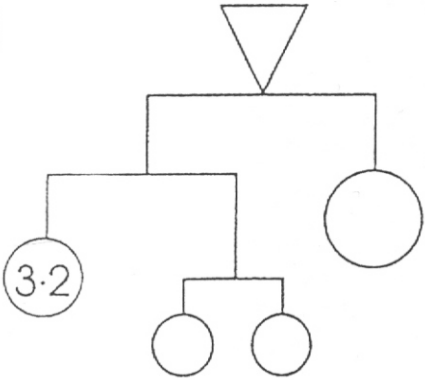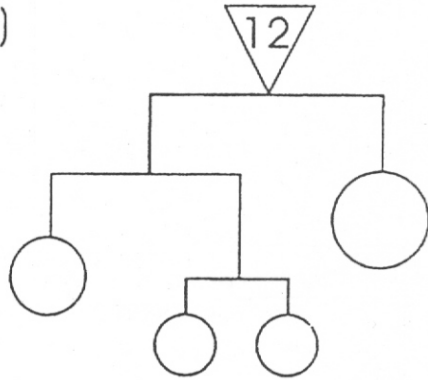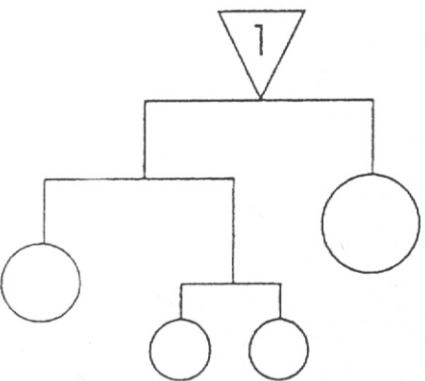What is the lowest combined hanging weight if all weights are whole numbers?
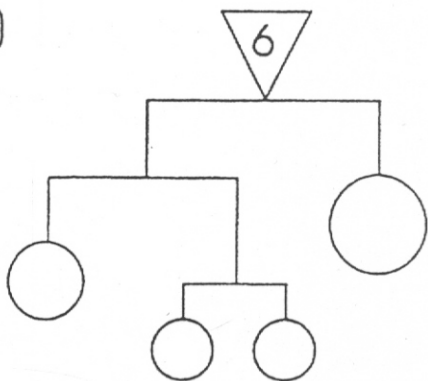
3)

3·2

4)

12

5)

1

6)
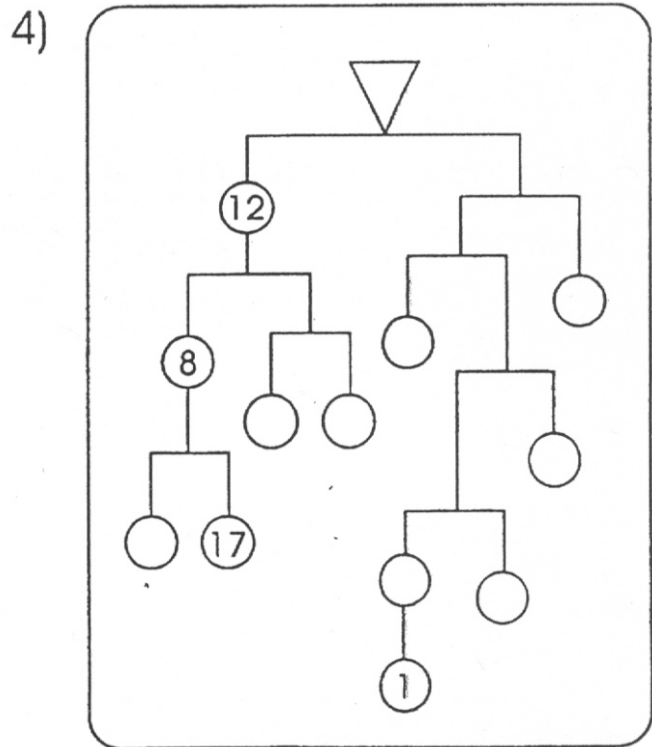
6

7) Explain how, if you were given any one of the weights, you could work out all the others.
Make sure that you consider each possibility (other than the symmetrical case).