12.3.21 MATHS: Problem Solving—Logic

I can solve a mathematical problem and puzzle.

I can explain the methods I use to solve a problem.




Sophie has lots of spectacles! Too many, in fact!

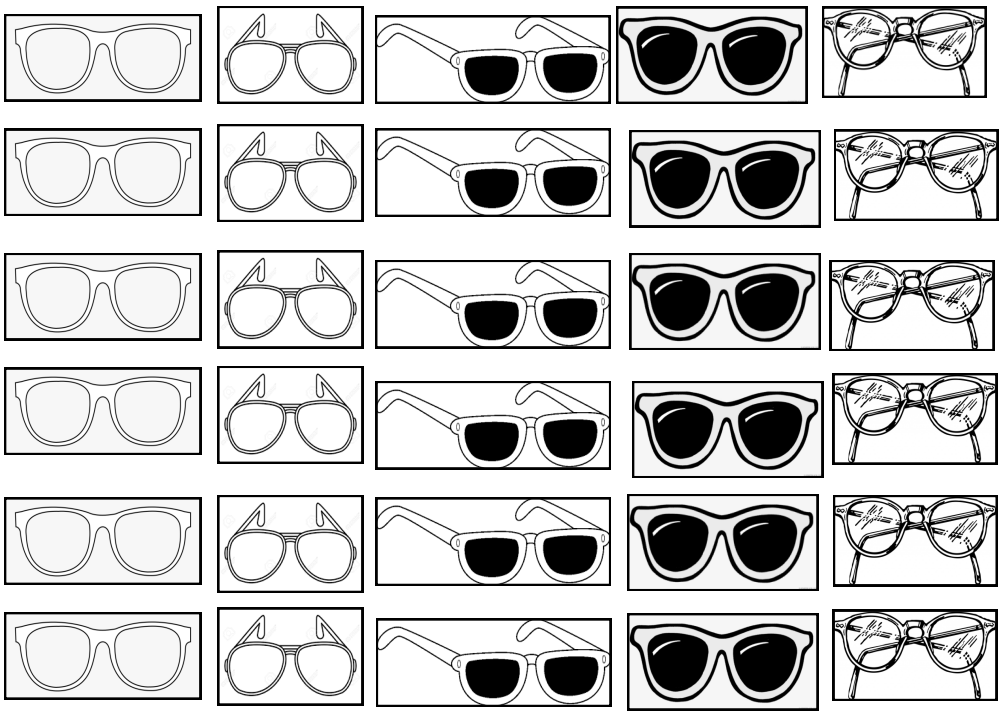
1. Sophie has between 16 and 30 spectacles!

2. If she groups the spectacles in fives there are four left over.

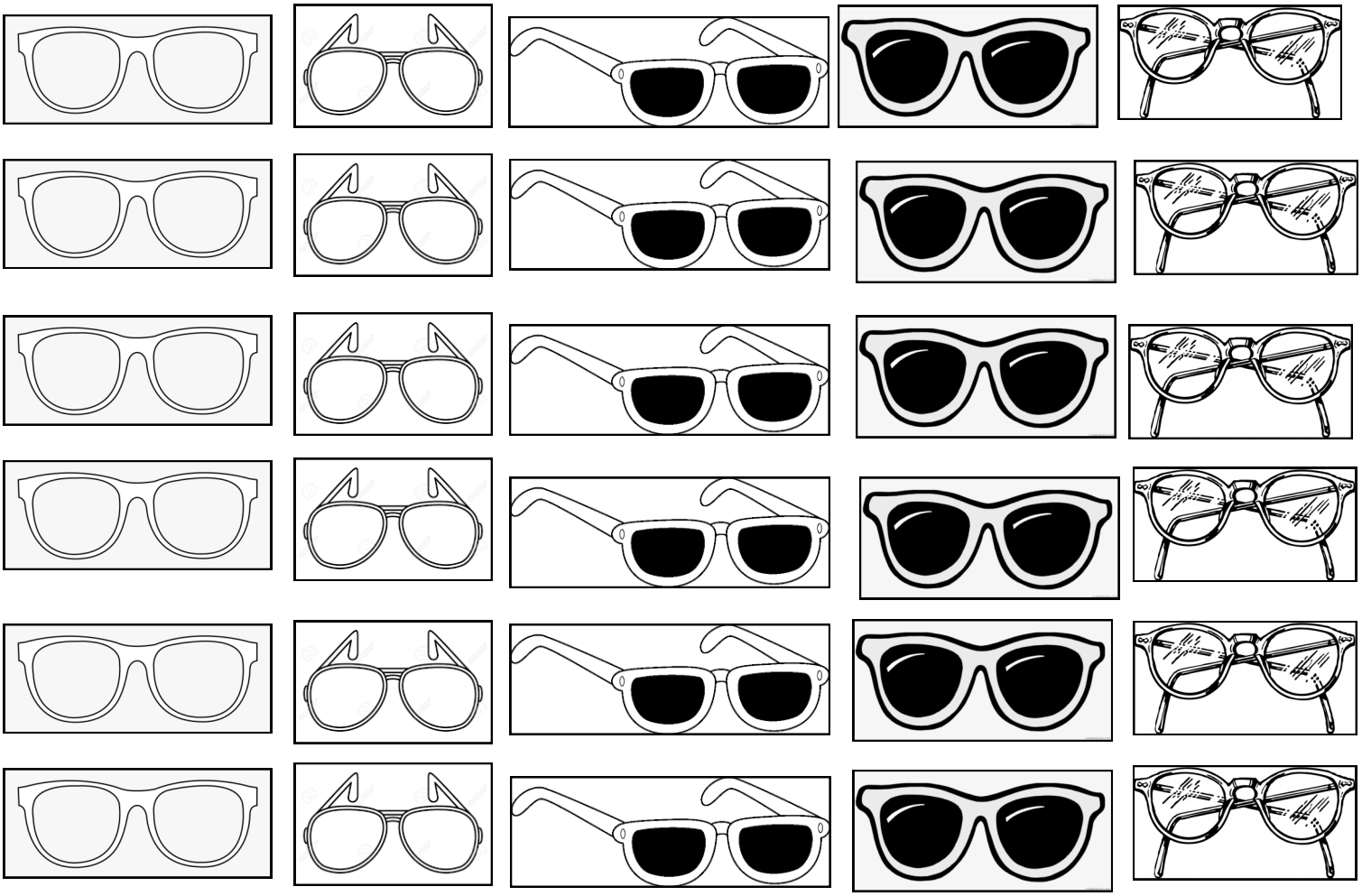
3. If she groups the spectacles in threes there are none left over.

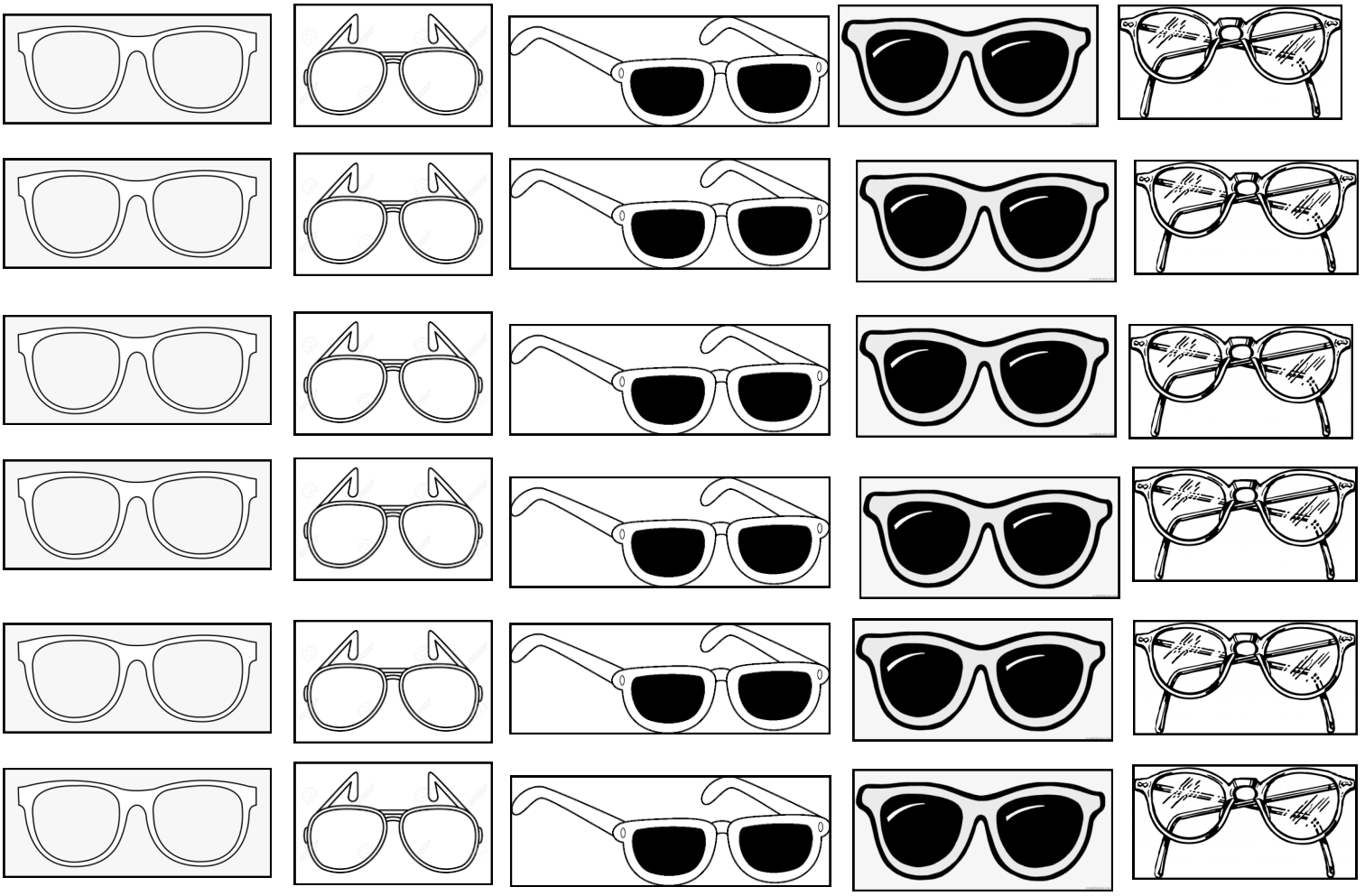
4. If she groups the spectacles in fours there are none left over.

How many spectacles does Sophie have?



Can you work out the answer? Show me how you work it out. You can use drawings, number lines, number sentences or any other method you know.








My working out: