Name: _____ **Date:** _____
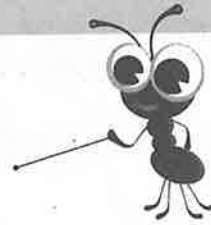
Socks and percentages

Know percentage equivalents of certain fractions

1 Sophie has been sorting out her socks. She has 40 socks.

How many of each kind of sock does she have? Use your knowledge of fractions to help you work them out.

50% are spotty.	☐ socks	**Working out**
25% are stripy.	☐ socks	
10% are white.	☐ socks	
The rest are all plain coloured.	☐ socks	

2 Surinder has 60 socks. What percentages of different designs could he have? Remember they must add up to 100% to account for all his socks! Once you've decided on the percentage of each design, work out how many of each kind of sock Surinder has.

☐ % have a _____ design. That makes ☐ socks.

☐ % have a _____ design. That makes ☐ socks.

☐ % have a _____ design. That makes ☐ socks.

☐ % have a _____ design. That makes ☐ socks.

☐ % have a _____ design. That makes ☐ socks.

3 Make up your own sock and percentages problem. Use the back of this sheet if necessary.

_____

_____

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