

Working with complements.

- 1) 60% of the class were girls. What percentage were boys?
- 2) A pair of trousers were 30% wool, 20% acrylic and the rest mohair. What percentage was mohair?
- 3) Jamie has a rope that is 10 m long. He cuts off 4.35m. How much is left?
- 4) Kirsty has a snake that is 7m long. She shuts it in the door by mistake and cuts off 2.34m. How long is the remaining snake?
- 5) Sean spends £3.40 on socks and 54p on bananas. How much change does he have from £20.
- 6) Steven jumps 3.45m in the long jump. Emily jumps 5m. How much further does Emily jump than Steven?
- 7) Adam runs 100m in 14.5 seconds. Jenny's time is 10% faster. What time does Jenny run? **(Be Careful!)**
- 8) Paige has 25 gobstoppers and 30 lemon sherberts. She eats one fifth of the gobstoppers and one tenth of the lemon sherberts. How many sweets does she have left altogether?
- 9) Natalie has 24 pairs of red socks and 50 pairs of yellow socks. She eats one third of the red socks and 10% of the yellow socks. How many socks does she have left for dinner?
- 10) Ashley has 230 bananas. He feeds 50% to Sam and eats 42 himself. How many bananas are left?

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- 1) There are 25 counters on a game board. Three fifths are yellow, 4 are blue. The remainder are pink. How many are pink?
- 2) There are 48 children in Year 6. Three eighths go to Southampton at the weekend, 3 go to Winchester and 12.5% go to Bournemouth. The rest stay at home. How many stay at home?
- 3) Tim has a metre long piece of string. He cuts off 35% to tie up Ben. Next he cuts off 0.3m to tie up Chris. How much is left to tie up Will?
- 4) 25% of children in Year Six love to dance along to Kylie. 14 love to jump around to Sum 41. One fifth love to stay at home and talk to their gerbils. The rest love making crumpets. How many children like crumpet making if:
 - a) There are 60 children in Year 6.
 - b) There are 80 children in Year 6.
 - c) There are 420 children in Year 6.
- 5) Molly found a slug that was 4 metres long. She ate 20% of it and gave 0.8m to Elizabeth for tea. Elizabeth said that wasn't enough and she needed 3 eighths of the slug or she would be hungry. Molly gave her 3 eighths. How much slug did Molly have left.
- 6) Laura jumped 2.3m in the high jump. Lucy jumped 20% lower. How much higher was Laura's jump?
- 7) James was eating octopi for tea. Each tentacle on the octopus was 3.4m long. James ate 13 octopi. He cut off 20% of each tentacle and fed it to his brother. How long were all the tentacles together that a) James ate? b) his brother ate?

Make up some of your own and share them with a partner.