

## PROBLEM SOLVING REVISION

1. What number is exactly halfway between 23 450 and 23 500?
2. Peter ate  $\frac{3}{5}$  of his chocolate. Sam has an identical chocolate and ate  $\frac{7}{10}$ . Who ate the most chocolate?
3. There are 41 295 spectators at a rugby match. If 23 985 were men and 11 378 were women, how many children attended the match?
4. A farmer had 2957 sheep. During the winter 134 died and in spring 813 lambs were born. How many sheep did he have on his farm then?
5. What would you rather have? Half of 80 smarties or a quarter of 120 smarties?
6. A farmer can pack 2139 oranges into a crate. How many oranges can he pack into 428 crates?
7. During a school outing 785 learners were transported in buses. How many buses did they need if each bus could transport 65 learners?
8. Mr Smith buys a chocolate for R3,45 and sells it for R5,50. How much profit will he make if he sells 67 chocolates?
9. If choir practice starts at 08:10 and finishes at 09:45, how long was the practice?
10. There are 250 girls in Grade 8 at WGHS. On Monday  $\frac{2}{5}$  of the girls left their Maths homework at home. How many girls brought their homework to school?
11. Jane cycles to school every day. Her house is 3km away from school. What distance does she cycle each week?
12. Three girls are standing on an industrial scale. The first girl's mass is 47kg and the second girl weighs 46kg. The total mass on the scale is 135kg. What does the third girl weigh?
13. Penny has to do certain chores every Saturday before she can go and play with her friends. She has to:  
  
Clean her room – 25 minutes  
Sweep the leaves up outside = 30 minutes  
Wash the dog – 45 minutes  
Help her mom ice cupcakes – 1 hour 20 minutes  
  
If she starts her chores at 09:05, what time will she be allowed to go and meet her friends?
14. You decide to save some money. On the first day you save R17. On the second day you save R34 and on the third day R68. How much money will you have saved by the end of the week?