Mixed Word Problems

Solve these word problems. Don't forget to show your workings for each one.

1. In a school there are 1375 girls and 1526 boys.
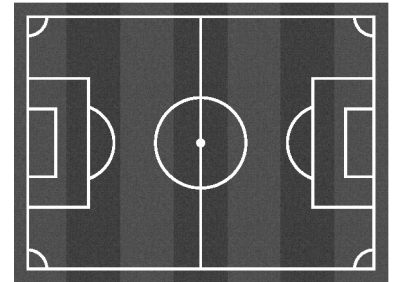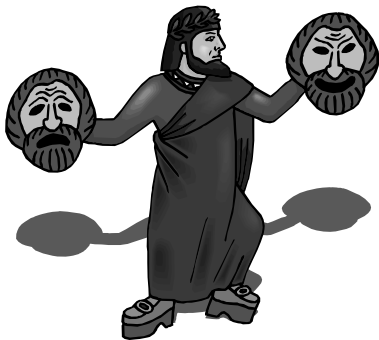   How many boys and girls are there in the school altogether?

   ....

2. There are 2376 books in a school library.
   If 1284 have been taken out, how many are left?

   ....

3. If a football pitch measures 24 metres by 33 metres,
   what is its total area?

   ....

4. A show is running in a theatre with 342 seats. The show
   runs once a day every day for a week. If all of the tickets
   have been sold, how many people will see the show?

   ....

5. 4 people are going on a camping trip. The total cost of their stay
   is £172. How much will each person pay if the cost is split equally
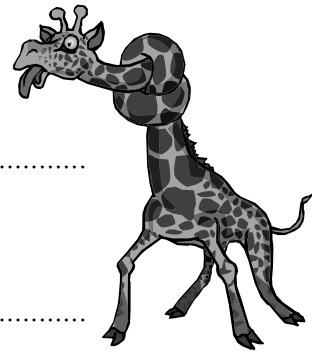   between each person?

   ....

CGP+

Mixed Word Problems

6. Simon makes 189 chocolate giraffes. He wants to put them into boxes of 6. How many full boxes can he make?

....

How many chocolate giraffes will he have left over?

....

7. These are prices of the tickets to the Wet Feet Water Park: £5 per child, £7 per adult. If 121 children and 78 adults attend in one day, how much money does the water park make?

....

....

....

8. Perlita thinks of a number. She multiplies it by 3 and then adds 8 to it. She gets 788. What was Perlita's original number?

....

....

9. Ben and Chahna are doing a sponsored three-legged mountain marathon and want to raise £1278. So far Ben has raised £432 and Chahna has raised £358. How much more will they need to raise to reach their target?
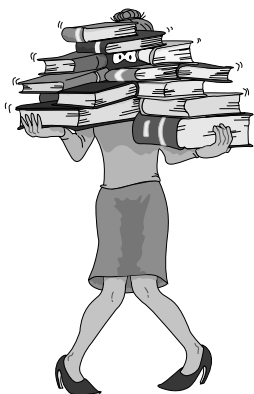
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1. In a school there are 1375 girls and 1526 boys.
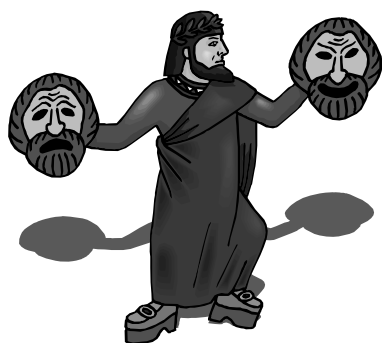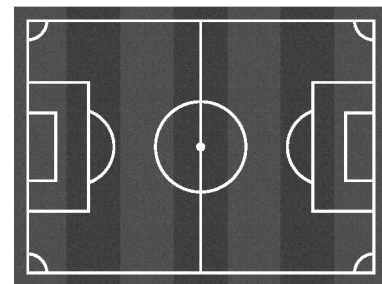   How many boys and girls are there in the school altogether?

   1375 + 1526 = 2901

2. There are 2376 books in a school library.
   If 1284 have been taken out, how many are left?

   2376 – 1284 = 1092 books

3. If a football pitch measures 24 metres by 33 metres,
   what is its total area?

   24 x 33 = 792m^2

4. A show is running in a theatre with 342 seats. The show
   runs once a day every day for a week. If all of the tickets
   have been sold, how many people will see the show?

   342 x 7 = 2394 people

5. 4 people are going on a camping trip. The total cost of their stay
   is £172. How much will each person pay if the cost is split equally
   between each person?

   172 ÷ 4 = £43

Mixed Word Problems

6. Simon makes 189 chocolate giraffes. He wants to put them into boxes of 6. How many full boxes can he make?

   189 ÷ 6 = 31 remainder 3. He can make 31 full boxes.

   How many chocolate giraffes will he have left over?

   3

7. These are prices of the tickets to the Wet Feet Water Park: £5 per child, £7 per adult. If 121 children and 78 adults attend in one day, how much money does the water park make?

   121 x 5 = £605

   78 x 7 = £546

   £605 + £546 = £1151

8. Perlita thinks of a number. She multiplies it by 3 and then adds 8 to it. She gets 788. What was Perlita's original number?

   788 − 8 = 780

   780 ÷ 3 = 260

9. Ben and Chahna are doing a sponsored three-legged mountain marathon and want to raise £1278. So far Ben has raised £432 and Chahna has raised £358. How much more will they need to raise to reach their target?

   432 + 358 = £790

   1278 − 790 = £488