

Year 5 Maths – Week beginning 11th May.

Scroll down to find the right level for you – **Mild, Spicy or Hot**. Remember, you can always start on one level and then move up or down a level if you need to. There's no need to print or write out the questions. Just jot down your working out and answer on a piece of paper.

In word problems, the challenge is deciding **which operation to use (+ - x ÷)**. In these problems, there may be two or more operations needed, and you must use them in the **correct order** to be successful. For example, you might need to multiply two amounts together and then subtract another amount from the answer of the multiplication! The numbers and question being asked can get lost in all the information in a word problem, so you need **to really focus to make sense of the question**. Slow down and read the question carefully to make sure you understand it. Be sure you know what is being asked, what you already know from the problem, what you need to find out and how you will do it. It is very helpful **to write down each stage of your working** to help you keep track and don't forget **to check your answer is reasonable!**

L.O.: I can solve multi-step problems. MILD.

1. Alesha has 135 books. Ayesha has 97 books. How many books do they have altogether?
2. There are 117 pine trees currently on the Heath. Workers will plant 429 more pine trees today. How many pine trees will the Heath have when the workers are finished?
3. Fleet played 862 football games this year. Lano played in half of these games; how many did he play? Gaith played in 674 games. How many games did he miss?
4. Tyler has 72 football cards. Mohammed bought 32 of Tyler's cards. Tyler gave half of his leftover cards to Arifa. How many cards does Tyler have left?
5. Zana received £12 pocket money for doing her home learning, another £10 for tidying her room and another £6 for helping her brother. She puts half of what she's earned in her money box and will spend the rest. How much does she have to spend?
6. Ubayd gives his new baby brother 5 cuddles a day. How many cuddles does Ubayd give in a week (7 days)? How many cuddles does Ubayd give in the month of May (31 days)?
7. Mayeda and Vesa need 462 oranges to make enough juice for the class. Mayeda has picked 165 oranges and Vesa has picked 151 oranges from the orange tree. How many oranges do they need to pick?
8. Armaan has 738 marbles, he gave Jaydon 326 of the marbles and gave Anas 204 marbles. How many marbles does Armaan have left?

L.O.: I can solve multi-step problems. SPICY.

1. Mrs Kingham needs to order some new whiteboard pens. She orders 13 boxes of black pens; each box contains 24 pens. She also orders 10 boxes of colour pens; each box contains 15 pens. How many pens are ordered?
2. There are 13,561 people in Wembley on Saturday and 45,761 on Tuesday. How many people visited the stadium on Monday and Tuesday?
3. Ruphy wants to run 12,000 metres in a week. On Monday he runs 4,506 metres. On Wednesday he runs 3,764 metres. How much further does he need to run?
4. There are 5,718 books in the library. Children borrow 2,918 of them. Half of what is left are picture books. How many picture books are left?
5. Year 5 love biscuits. Ms Kingham buys 73 packs of biscuits and each pack contains 25 biscuits. Unfortunately, 278 of the biscuits can't be eaten as they broke in to crumbs when Ms Kingham dropped her bag! How many biscuits are ok for Year 5 to eat?
6. Charlotte scored 2,560 points on level 2 in a video game. She then scored 1,254 points on level 3. How many more points does Charlotte need to score in Level 4 to take her total to 5000?
7. Yans wants to buy a brand new bike for £586 and a new helmet for £45. Because Yans is so polite, the shop owner says she'll take £68 off the price. How much does Yans need to pay?
8. Eartha takes a train to Brighton. The train has 13 carriages. 9 of the carriages can carry 82 passengers, 4 of the carriages can carry 124 passengers. What is the total number of passengers that the train can carry?
9. Sarah cuddled her 3 guinea pigs 28 times a day each. How many cuddles a day does Sarah give in total to her guinea pigs? How many cuddles does she give in the month of May (31 days)?

L.O.: I can solve multi-step problems. HOT

1. Emaline wins £802,649 on the lottery one week and £100,876 on a scratch card the following week! She shares the winnings equally between herself and her 2 brothers. How much money do they get each?
2. Frankie has £366,892. Luke had £467,330, but he went shopping and spent £126,309. Who has more money now? By how much?
3. Lucia bought 24 bags of sweets with eighty-six sweets in each one. She plans to divide all the sweets evenly among 8 friends. How many sweets will they each get?
4. A Headmaster is taking all of a secondary school on a trip to Alton Towers. There will be 1836 children and 264 teachers going along. How many 5-seater cars will he need to use?
5. Erion was playing a video game and had a score of 200,000. In a difficult part of the game, he lost 106,848 points. On the next level, he scored 329,404 more points. How many points does he have now?
6. The school ordered 12 boxes of 3460 fish fingers and 15 bags of 5037 chips for a very hungry school. But only 32,909 fish fingers and 59,806 chips were eaten. How many fish fingers and chips were left over?
7. Annie loved Lego. She had 57,615 Lego bricks before selling 33,615 of them. She split the remaining bricks equally into 8 boxes. How many bricks were in each box?
8. Yahya bought a box of 48 backpacks for £576. He sold 17 of them for £18 to friends, and the rest were sold to a shop for £47 each. How much was Yahya's profit?
9. Alem invited 4,400 friends to a birthday party, but 2,842 couldn't come. If she wanted to buy enough cupcakes so every person who came could have exactly 3, how many should she buy?
10. In a garden centre, rose seeds cost £1.38, lily seeds cost £1.15 and daffodil seeds cost 85p. Nommi buys eight packets of rose seeds and 12 packets of daffodil seeds. How much change does she get from a £50 note?