

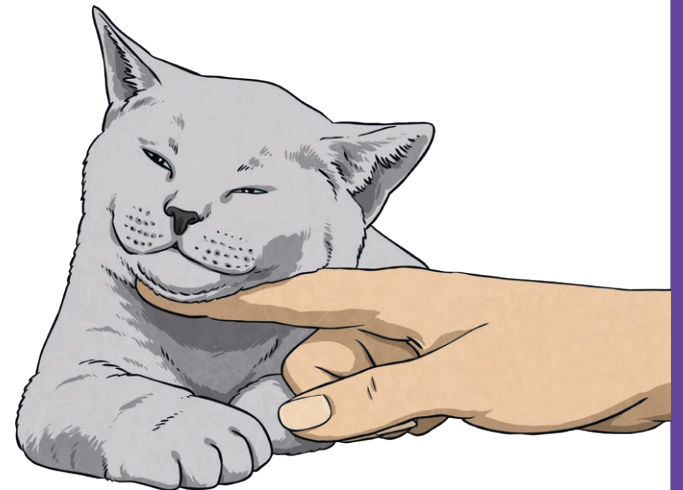
Together Mairi and Douglas have £55 in total. If Mairi has £19, create an equation to work out how much money Douglas has.



At the bus stop, four people got off. There are now twenty-seven people left on the bus. Create an equation to work out how many people started on the bus.



Theresa and Mark both have the same number of cats. Georgie has eight cats. Altogether, they have 16 cats. Create an equation to work out how many cats Theresa and Mark have.



The York family have three children. All of the children have the same number of t-shirts each. There are 24 t-shirts in total. Create an equation in order to solve this problem.



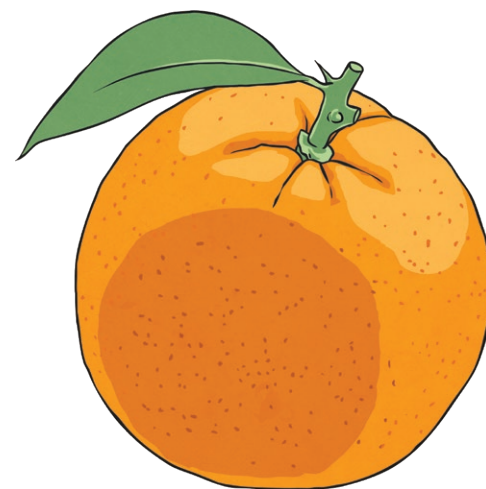
Gladys was on her way to visit her grandfather. Her train journey took a total of 87 minutes. The first part of the journey was the longest but the second part took only 14 minutes. Create an equation to work out how long the first part was.



Mrs Scobbie's class were busy working on their assembly when Mrs Cunningham asked to borrow 9 of Mrs Scobbie's class to help with something. This left 19 children to work on their assembly. Create an equation to work out how many children are in Mrs Scobbie's class.



Ms Samuel, a supermarket owner, realised that she only had 5 cartons of orange juice left in her store. She ordered 3 crates of cartons. If she now has 50 cartons in total, including the 5 she had to start with, create an equation to work out how many were in each crate.



Jamie, Leona and Mozzie all play for the same ice hockey team. In one season, they scored 49 goals altogether. Jamie scored 12 and Leona scored 17. Create an equation to work out how many goals Mozzie scored.



Five friends each have the same number of football cards. If they have 90 cards in total, create an equation to work out how many they have each.



Gavin cycles to work every morning from home and then cycles from work to the gym every evening. If he cycles 21 miles every day and the journey from his work to the gym is 5 miles, create an equation to work out how many miles Gavin cycles to work every morning.



Sergio is paid £9 per hour as a receptionist at a local business. His pay for one week is £108. Create an equation to work out how many hours Sergio worked that week.



Primary 7c started their residential trip with plenty of socks. Sadly, however, when they returned, they only had 59 socks left, having lost 39 socks between them. Create an equation to work out how many socks P7c started their trip with.



Using Algebra to Solve Problem **Answers**

1. $d + £19 = £55$ ($d = £36$)
2. $p - 4 = 27$ ($p = 31$)
3. $2c + 8 = 16$ ($c = 4$)
4. $3t = 24$ ($t = 8$)
5. $m + 14 = 87$ ($m = 73$)
6. $c - 9 = 19$ ($c = 28$)
7. $7.3c + 5 = 50$ ($c = 15$)
8. $m + 29 = 49$ ($m = 20$)
9. $5f = 90$ ($f = 18$)
10. $m + 5 = 21$ ($m = 16$)
11. $9h = £108$ ($h = 12$)
12. $s - 39 = 59$ ($s = 98$)