



Extra Challenge

I can perform mental calculations with increasingly large numbers to solve multi-step problems.



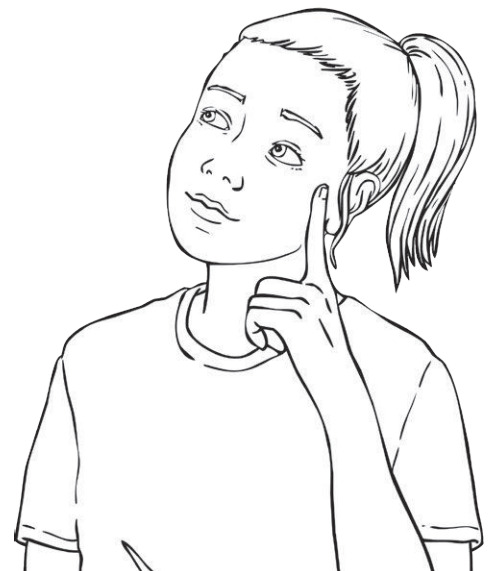
1	2	3	4	5	6	7	8	9

Create your own key then calculate the answer to each question, writing the answer in code.

	Jottings	Answer	Code
Ruby and Salem each buy a sandwich. Ruby gets seven pence change from £2. Salem gets £2.23 change from five pounds. How much more does Salem pay than Ruby?			
I think of a number. I divide the number by four, multiply it by three and then subtract 3.4. My answer is 3.2. What was my starting number?			
For every 5km I complete on a sponsored walk, my grandmother has sponsored me £4.70. If I walk 12.5km, how much money will my grandmother need to give me?			



<p>Rabia weighs 53.56kg. Her sister weighs 18.47kg less. She said, 'Together, we weigh 18.05kg less than our Dad!' How much does their Dad weigh in kilograms?</p>			
<p>Write your own multi-step problem that will give the answer 4.5.</p>			
<p>Write your own multi-step problem that will give the answer 1352.</p>			





Extra Challenge Answers

Question	Answer
1.	Ruby and Salem each buy a sandwich. Ruby gets seven pence change from £2. Salem gets £2.23 change from five pounds. How much more does Salem pay than Ruby?
	£0.84 or 84p
2.	I think of a number. I divide the number by four, multiply it by three and then subtract 3.4. My answer is 3.2. What was my starting number?
	8.8
3.	For every 5km I complete on a sponsored walk, my grandmother has sponsored me £4.70. If I walk 12.5km, how much money will my grandmother need to give me?
	£11.75 or 1175p
4.	Rabia weighs 53.56kg. Her sister weighs 18.47kg less. She said, 'Together, we weigh 18.05kg less than our Dad!' How much does their Dad weigh in kilograms?
	106.7kg
5.	Write your own multi-step problem that will give the answer 4.5.
	4.5
6.	Write your own multi-step problem that will give the answer 1352.
	1352