

LO: To solve word problems involving addition and subtraction

Use RUCSAC to help you to solve the word problems. Have a go at solving as many of these problems as you can in 30 minutes.



- Read - **Read the question carefully.** Read it twice if needed and pick out any important information.



- Understand - Do you understand the question? What are you trying to find out? **Underline the important information.**



- Choose - **Choose the method** you will use to solve the question. What calculation do you need to perform?



- Solve - **Perform your calculations** and come to your solution.



- Answer - **Answer your question.** Does this answer fit what you were trying to find out? Have you included the units?



- Check - Always check your work. Use the **inverse to check** your workings.

1)

Amy chooses two of these cards.



She adds the numbers on her two cards together.
She rounds the result to the nearest 10

Her answer is 60

Which two cards did Amy choose?



2)

This table shows the heights of three mountains.

Mountain	Height in metres
Mount Everest	8,848
Mount Kilimanjaro	5,895
Ben Nevis	1,344

How much higher is Mount Everest than the combined height of the other two mountains?

Show your method

A large grid for showing the method. The grid is 10 units wide and 10 units high. A vertical label "Show your method" is on the left side. A rectangular box is drawn in the bottom right corner of the grid.

3) Dev has three discs.

Each disc has a 7 on one side and an 8 on the other side.



He spins all the discs and adds the three scores together.

How many **different totals** can he get using the three discs?



4)

The table shows the cost of a new football kit.

Item	Cost
Shirt	£8.75
Shorts (1 pair)	£5.95
Socks (1 pair)	£4.15



Altogether, how much does the complete football kit cost?

 £

- 5) This table shows the number of people living in various towns in England.

Town	Population
Bedford	82,448
Carlton	48,493
Dover	34,087
Formby	24,478
Telford	166,640

What is the **total** of the numbers of people living in Formby and in Telford?

What is the **difference** between the numbers of people living in Bedford and in Dover?