



Lesson 5- Consolidation

All 4 operations

This week we will be consolidating the methods we use for the 4 operations (addition, subtraction, multiplication and division).

In today's work, you will focus on word problems relating to any of the 4 operations.

Remember to follow the RUCSAC rule when answering the word problems.

Use RUCSAC to solve word problems:



Read



Read the question carefully



Underline



Underline the keywords and numbers



Choose



Choose the correct operation(s) and a mental or written method of calculation.



Solve



Solve it! Make sure you follow the steps.



Answer



Check that you've answered the question. What did you need to find out in the first place?



Check



Check your answer. Use another method or checking technique (was it close to your estimate?)

I can decide which operation to use and explain why.

Complete these multi-step problems by selecting the correct operations to complete the calculations.

- 1) Six pencils cost £1.92. Three pencils and one rubber cost £1.21.
What is the cost of one rubber?

- 2) A stack of 40 identical toy boxes is 1000cm tall. Markus takes three boxes off the top of the pile. How tall is the stack now?

- 3) Mrs Tunnicliffe is making jam to sell at the county fair. Blackberries cost £5.50 per kg. Sugar costs 65p per kg. 15 glass jars costs £5.85. She uses 16kg of blackberries and 10kg of sugar to make 15 jars of jam. Calculate the total cost to make 15 jars of jam.

- 4) A school orders 12 boxes of dice. Each box contains six bags of dice. Each bag contains 35 dice. How many dice do the school order in total?

- 5) Mikel thinks of a number. He multiplies the number by 100, divides it by eight then adds 6.50. The answer is 1206.5. What was his starting number?

- 6) Eight small bricks have the same mass as three large bricks. The mass of one small brick is 1.5kg. What is the mass of one large brick?



- 7) A bag of five bananas costs £1. A bag of four grapefruits costs £2.40. How much more does one grapefruit cost than one banana?

- 8) Erica chooses a number. She divides it by four then subtracts 11. She then divides this result by two. Her answer is 12.5. What was the number she started with?
