

# Sample Task: More Than, Less Than

## Teacher Guide

[Click here to download the Deconstructing Word Questions – Build-Up file](#) for the **Build Tasks** (interactive whole-class teaching questions).

### Task Order:

**Build 1:** Questions represented with bar models.



**Task A:** Pair task, match questions to bar models.



**Build 2:** Compare 1-step and 2-step questions.



**Task B Version 1** or **Task B Version 2:** Questions.



**Extend:** Create 1-step and 2-step questions.

More Than, Less Than Build 1

Alice has 38 stickers.

What information could be here?

How many stickers do Alice and Lucy have altogether?

Bar model:

A	38	
L		10

?

More Than, Less Than Build 2

Eve has £30.  
Eve has £8 less than Kim.

How much money does Kim have?

Which bar model?

E	£30	
K	?	£8

E	£30	£8
K	?	

### Answers and Discussion Points:

**Task A:** 1 → B, answer = £16    2 → D, answer = £14    3 → A, answer = £16    4 → C, answer = £4

**Discussion point:** Identify the question with 2 steps (Q2). Step 1 is to calculate the money Jack has. Step 2 is to calculate how much altogether.

**Task B Version 1:** Q1: 29 in the top bar, 21 in the bottom bar, answer = 50 stickers

Q2: £18 in the top bar, £13 in the bottom bar, answer = £18

Q3: £14 in the top bar, £8 in the bottom bar, answer = £22

**Discussion point:** Identify which question is 1-step (Q2) and which questions are 2-step (Q1 and Q3).

**Task B Version 2:** Q1: 125 in the top bar, 90 in the bottom bar, answer = 215 stickers

Q2: £432 in the top bar, £324 in the bottom bar, answer = £432

Q3: Amy has £48, answer = £118

**Discussion point:** Identify which question is 1-step (Q2) and which questions are 2-step (Q1 and Q3).

**Extend:** Q1 example: He used 330ml to make some porridge. How much milk does Pete have left?

Q2 example: She has £14 more than Rose. How much money do Beth and Rose have altogether?

**Discussion point:** Compare the questions that the children create, identifying similarities/differences in wording and the resulting calculations.

## More Than, Less Than

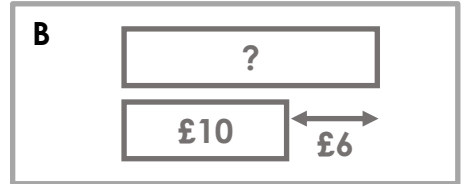
## Which Bar Model?

## Task A

1 Zara has £10. She has £6 less than Kate. **How much money does Kate have?**



2 Kam has £10. Jack has £6 less than Kam. **How much money do they have altogether?**



3 Jen has £10. Amy has £6. **How much money do Jen and Amy have altogether?**



4 Ben has £10. Tim has £6. **How much more money does Ben have than Tim?**

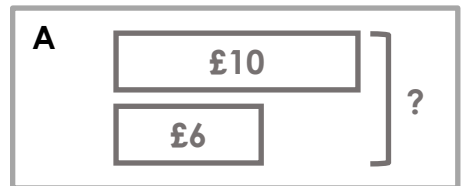


## More Than, Less Than

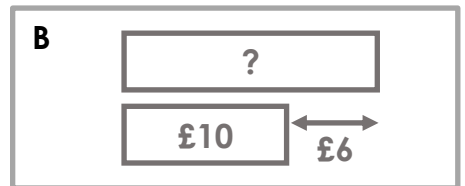
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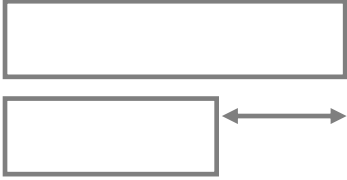



4 Ben has £10. Tim has £6. **How much more money does Ben have than Tim?**




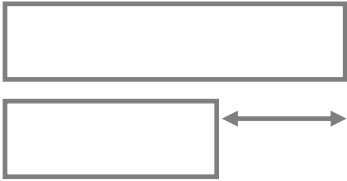

## More Than, Less Than

## Task B Version 1

Question:	Finish the bar model and answer:
Pete has 29 stickers. Joe has 8 stickers fewer than Pete. <b>How many stickers do they have altogether?</b>	
Zack has £13. Zack has £5 less than Harry. <b>How much money does Harry have?</b>	
Jen has £14. Jen has £6 more than Amy. <b>How much money do Jen and Amy have in total?</b>	

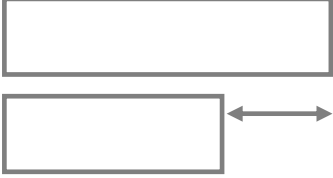
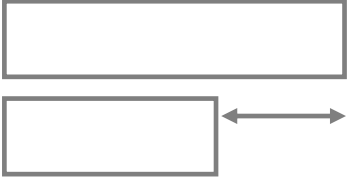
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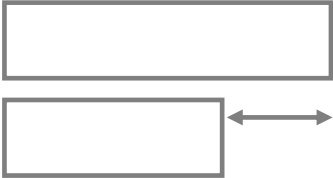
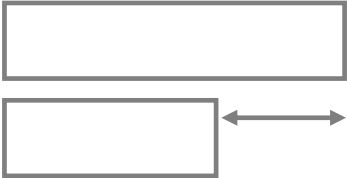
## More Than, Less Than

## Task B Version 2

Question:	Finish the bar model and answer:
<p>Pete has 125 stickers. Joe has 35 stickers fewer than Pete.</p> <p><b>How many stickers do they have altogether?</b></p>	
<p>Zack has £324. Zack has £108 less than Harry.</p> <p><b>How much money does Harry have?</b></p>	
<p>Jen has £70. Jen has £22 more than Amy.</p> <p><b>How much money do Jen and Amy have in total?</b></p>	

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## More Than, Less Than

## Extend

**Task A: Write a 1-step question with an answer of 370ml. The question starts like this:**

*Pete has 700ml of milk.*

**Task B: Write a 2-step question with an answer of £56. The question starts like this:**

*Beth has £35.*

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