

# Solving Word Problems

Lesson  
10

Day 5 LO: To be able to solve multi-step word problems involving money with increasing complexity

**MANDATORY:** To better understand the bar model, please watch this video:

<https://www.youtube.com/watch?v=I6Ipio8JntU>

## In Focus

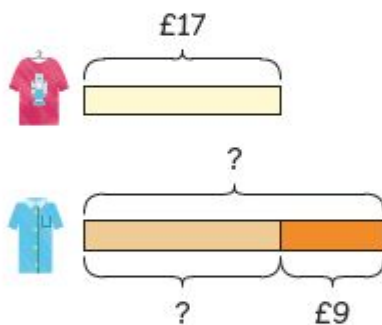
How much do  and  cost altogether?



This costs £9 less than



## Let's Learn



Remember: To create your pound symbol on the computer £ - press the Shift and no. 3 together.

Method 1  $£17 + £9 = £26$

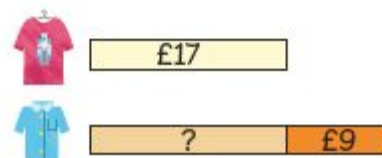
 costs £26.

$£17 + £26 = £43$

 and  cost £43 altogether.

Method 2  $£17 + £17 + £9 = £43$

 and  cost £43 altogether.



### Notes:

Make sure you show how you worked out the answers.

What does 'total' mean?

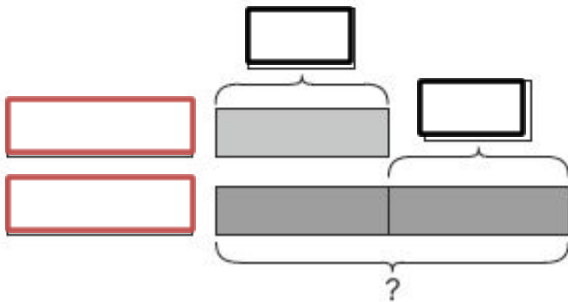
What does 'change' mean?

What operation do we need to use for each word?

# Worksheet 10

## Solving Word Problems

- 1 A teddy bear costs £15.  
An action figure costs £16 more.  
How much does the action figure cost?



Write the mathematical operation here: (Make sure you show all your working out!)

The action figure costs .

- 2 An apple costs 42p.  
A lemon costs 14p less than the apple.  
How much does the lemon cost?

Write your answer below:

- 3 Hannah saves £24.  
Holly saves £18 more than Hannah does.  
How much do Hannah and Holly save altogether?

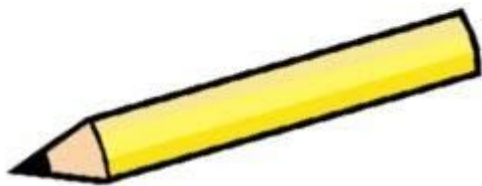
Write your answer below:

- 4 A book costs £35.  
A magazine cost £16 less than the book.  
How much do the book and the magazine cost altogether?

Write your answer below:

**Challenge Time:**

Alex has 90 pence.  
She bought a rubber for 30 pence and  
wants to buy a pencil.



Pencil: 70 p

The shopkeeper will not sell her the  
pencil.  
Explain why.

Write your explanation below: