

Time

Let's learn more about
adding hours and minutes

twinkl

Do you know the **Golden Rule** for adding hours and minutes?



Keep your hours and minutes **separate** until the very end.

Now let's try adding hours and minutes.

Hours	Minutes
4	37
+ 2	40

First, I must keep my hours and minutes separate.

Now let's try adding hours and minutes.

Hours	Minutes
4	37
+ 2	40

We're going to add 37 and 40 together.

Now look at the minutes. What numbers do you see?

Now let's try adding hours and minutes.

Hours	Minutes
4	37
+ 2	40
<hr/>	
	77
<hr/>	

So, in total we now have 77 minutes. We will leave that alone while we add our hours.

$$7 + 0 = 7$$

$$3 + 4 = 7$$

Now let's try adding hours and minutes.

Hours	Minutes
+ 4	37
2	40
<hr/>	
6	77
<hr/>	

$$4 + 2 = 6$$

Now look at the hours. What numbers do you see?



Now let's try adding hours and minutes.

Hours	Minutes
4	37
+ 2	40
6	77

Remember there are only 60 minutes in an hour!



Now look at the answer.

Did you notice anything unusual?

That's right, we have 77 minutes in our answer.

Now let's try adding hours and minutes.

Hours	Minutes
4	37
+ 2	40
<hr/>	
6	77
<hr/>	

Remember there are only 60 minutes in an hour!

Can anyone tell me the answer to this?

77 minutes = 1 hours and 17 minutes



Now let's try adding hours and minutes.

Remember there are only 60 minutes in an hour!

Hours	Minutes
4	37
+ 2	40
<hr/>	
6	77
7	17

77 minutes = ___1___ hours and ___17___ minutes

Now we can change our answer above. So we add one hour to the hours column and we will have 17 minutes in the minutes column.



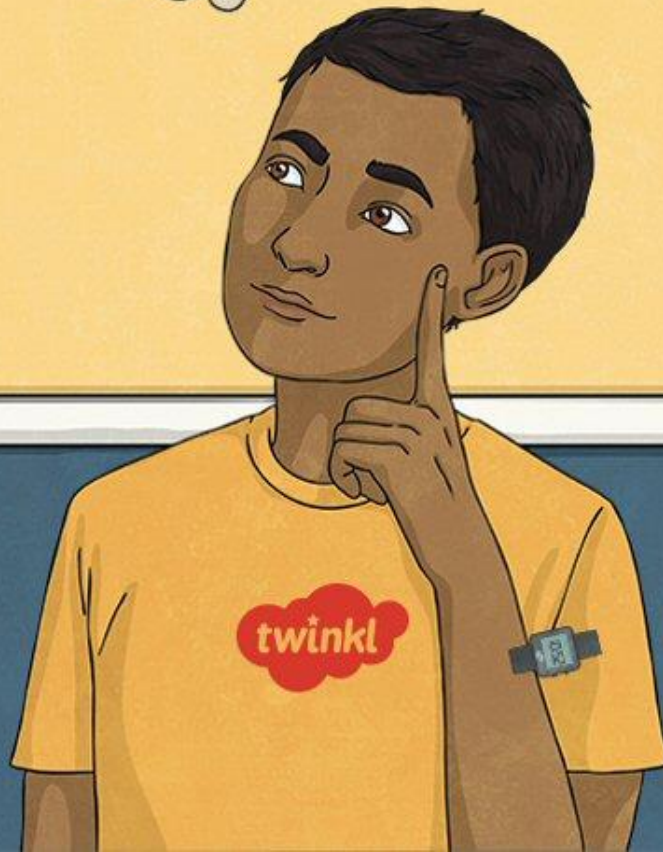
Now try this one:

	Hours	Minutes
	8	59
+	3	32
<hr/>		
	11	91
	12	31
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91 minutes = ___1___ hours and ___ 31 ___ minutes

Time

Let's learn more about subtracting hours and minutes.



Do you know the **Golden Rule** for subtracting hours and minutes?

Keep your hours and minutes separate



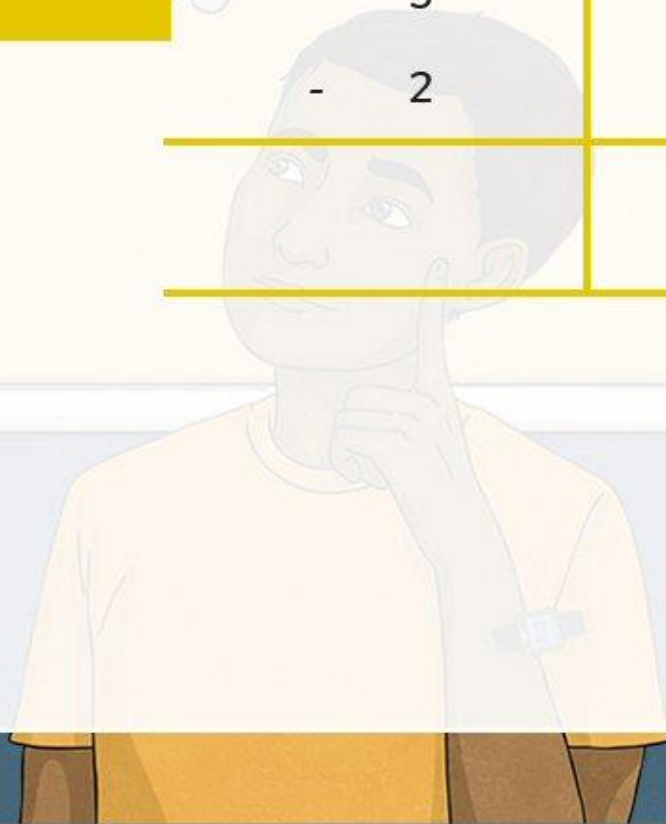
Now let's try subtracting hours and minutes.



First, I must keep my hours and minutes separate.



Hours	Minutes
5	15
- 2	20



Now, look at the minutes. What numbers do you see?

Can I take 20 minutes away from 15 minutes?

I cannot take 20 away from 15.

Hours

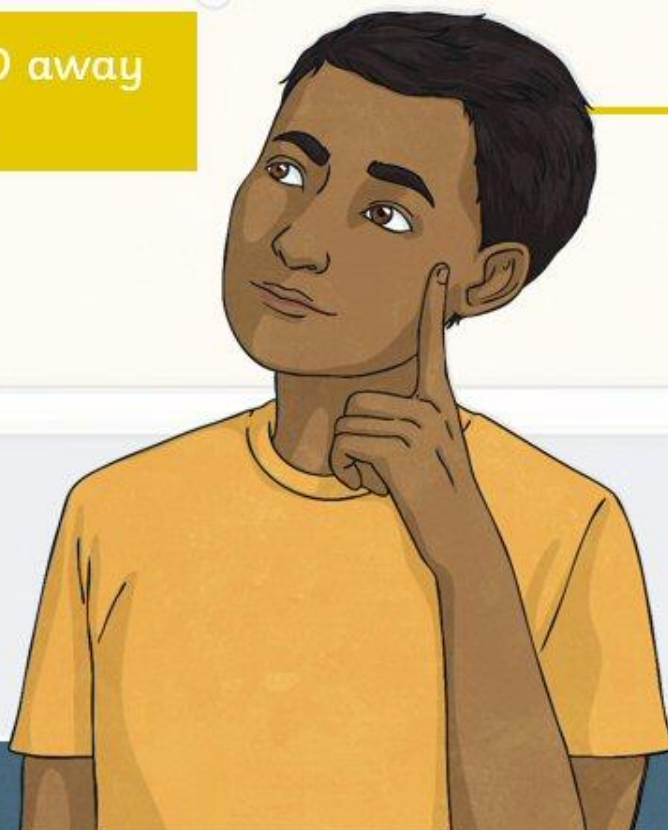
5

- 2

Minutes

15

20



Now I must bring one hour over to the minutes.



Hours

Minutes

4

~~5~~

1 hour →

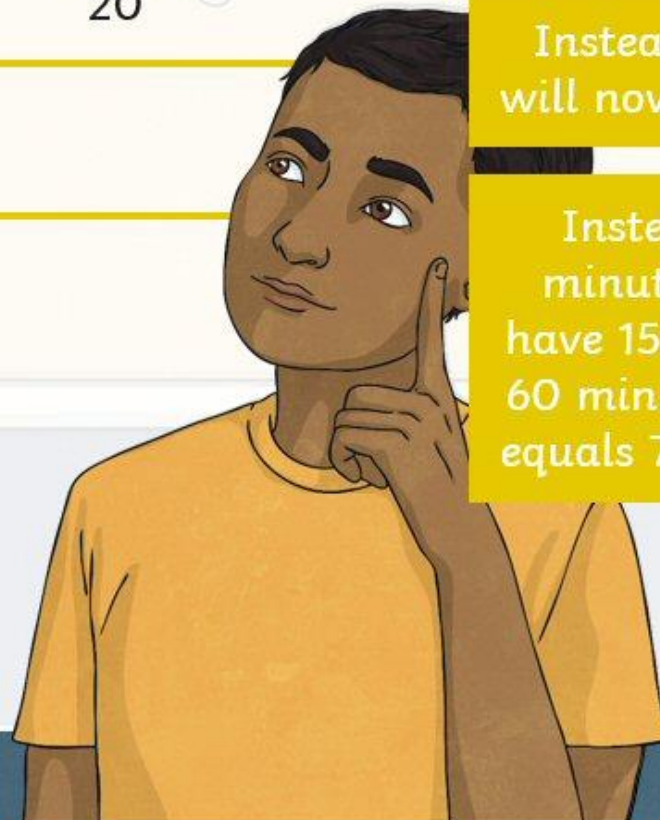
15 + 60 minutes = 75 minutes

- 2

20

Instead of 5 hours, I will now have 4 hours.

Instead of 15 minutes, I will have 15 minutes + 60 minutes which equals 75 minutes.



Now let's try subtracting hours and minutes.

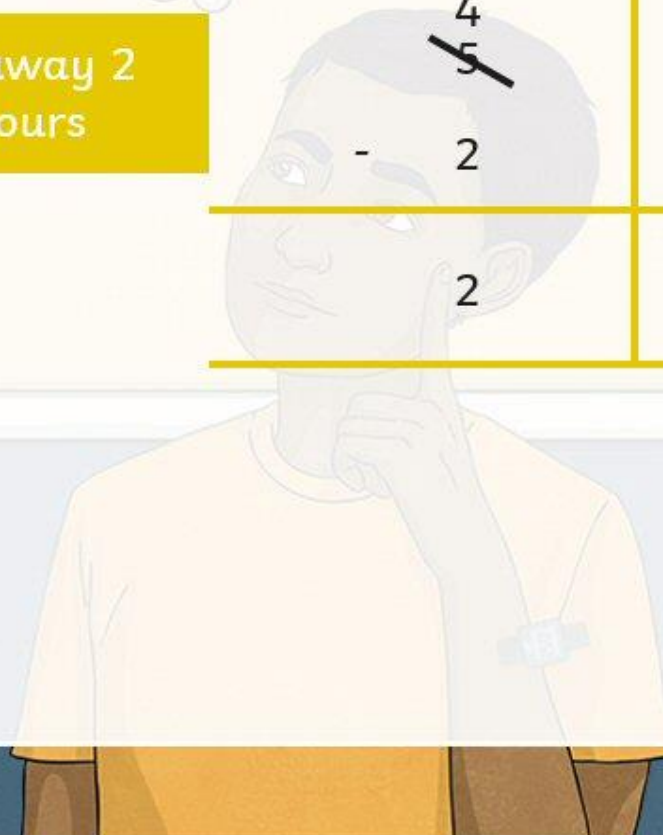


75 minutes take away
20 minutes = 55 minutes

Now look at the hours.

4 hours take away 2
hours = 2 hours

Hours	Minutes
4 5	75 15
- 2	20
2	55



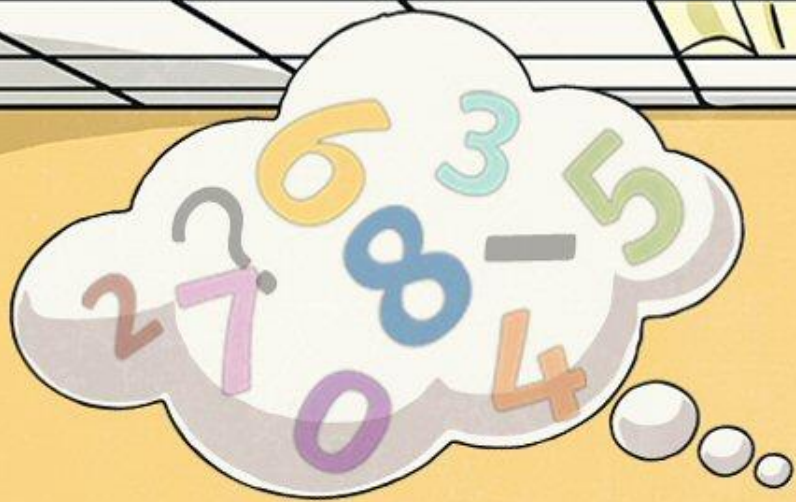
Now try this one:

70 minutes take away 42 minutes =
28 minutes

6 hours take away 2
hours = 4 hours

Hours	Minutes
6	70
7	10
- 2	42
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4	28





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