Name: .... Class: ....

Add and subtract mixed time units

a. 26 hours 52 minutes + 19 hours 49 minutes = _____ hours _____ minutes.

b. 15 minutes 58 seconds - 9 minutes 49 seconds = _____ minutes _____ seconds.

c. 29 years 351 days - 262 days = _____ years _____ days.

d. 10 days 19 hours + 7 days 23 hours = _____ days _____ hours.

Name: .... Class: ....

Add and subtract mixed time units

a. 26 hours 52 minutes + 19 hours 49 minutes = ___46___ hours ___41___ minutes.

Let's solve this by adding hours to hours and minutes to minutes.

```
   26 hours        52 minutes
 + 19 hours      + 49 minutes
   45 hours        101 minutes
```

But we know that 60 minutes = 1 hour.

So, 101 minutes = $\frac{101 \times 1}{60}$ hours = 1 hour 41 minutes.

Therefore, 45 hours 101 minutes = 45 hours + (1 hour 41 minutes) = 46 hours 41 minutes.

Hence, 26 hours 52 minutes + 19 hours 49 minutes = 46 hours 41 minutes.

b. 15 minutes 58 seconds - 9 minutes 49 seconds = ___6___ minutes ___9___ seconds.

Let's solve this by subtracting minutes from minutes and seconds from seconds.

```
   15 minutes        58 seconds
 - 09 minutes      - 49 seconds
   06 minutes        09 seconds
```

So, 15 minutes 58 seconds - 9 minutes 49 seconds = 6 minutes 9 seconds.

c. 29 years 351 days - 262 days = ___29___ years ___89___ days.

Let's solve this by subtracting years from years and days from days.

```
   29 years         351 days
 -  0 years       - 262 days
   29 years         89 days
```

So, 29 years 351 days -262 days = 29 years 89 days.

d. 10 days 19 hours + 7 days 23 hours = ___18___ days ___18___ hours.

Let's solve this by adding days to days and hours to hours.

```
   10 days          19 hours
 + 07 days        + 23 hours
   17 days          42 hours
```

But 42 hours = 1 day 18 hours.

So, 17 days 42 hours = 17 days + (1 day 18 hours) = 18 days 18 hours.

Therefore, 10 days 19 hours + 7 days 23 hours = 18 days 18 hours.