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

Add and subtract mixed time units

a. 1 week 2 days + 3 weeks 1 day

b. 10 minutes 45 secounds - 6 minutes 30 secounds

c. 11 years 300days - 200 days

d. 12 months 24 days - 12 months 10 days

e. 10 hours 40 minutes + 3 hours 49 minutes

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

Add and subtract mixed time units

a. 1 week 2 days + 3 weeks 1 day

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

So, 1 week 2 days + 3 weeks 1 day = 4 weeks 3 days.

b. 10 minutes 45 secounds - 6 minutes 30 secounds

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

So, 10 minutes 45 seconds - 6 minutes 30 seconds = 4 minutes 15 seconds.

c. 11 years 300days - 200 days

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

So, 11 years 300days - 200 days = 11 years 100 days.

d. 12 months 24 days - 12 months 10 days

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

So, 12 months 24 days - 12 months 10 days = 14 days.

e. 10 hours 40 minutes + 3 hours 49 minutes

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

So, 10 hours 40 minutes + 3 hours 49 minutes = 13 hours 89 minutes.

But we know that,

60 minutes = 1 hour

So, 89 minutes = $\dfrac{89 \text{ minutes} \times 1 \text{ hour}}{60 \text{ minutes}}$

$\dfrac{89}{60}$ minutes =

$$\begin{array}{r} 1 \\ 60\overline{\smash{\big)}\,89} \\ \underline{-\ 60} \\ 29 \end{array}$$

Therefore, 89 minutes = 1 hour 29 minutes

Hence, 13 hours 89 minutes = 13 hours + 1 hour + 29 minutes.

= 14 hours 29 minutes.