

**REMEMBER: Time is**

either : a LENGTH of time                      e.g. 5 hrs 22 mins  
 - my homework took me 5 hours and 22 minutes

or : a POINT in time                              e.g. 5.22 p.m. or 17:22  
 - I got home at twenty two minutes past five

**A: Adding, multiplying, subtracting and dividing TIME**

THINK in groups of 60 (minutes) not 10's

that is : x 6 table plus a 0       $2 \times 60 = 120$ ,    $3 \times 60 = 180$

hrs.	mins.
7	29
+3	47
<u>10</u>	<u>76</u>
11	16

hrs.	mins.
6	<del>28</del>
- 4	<del>43</del>
<u>2</u>	<u>45</u>

**+ and x sums:**

calculate ALL the minutes  
 and ALL the hours, then 'regroup'  
 and carry the groups of 60 mins.  
 into the hours (see above)

**- and ÷ sums:**

REMEMBER:  
 you are regrouping 60, 120, 180 etc.  
 minutes from the hours to the minutes.  
 (see above).

**B: Calculating LENGTHS of TIME**

e.g. How long is it from 9.15 a.m. to 8.40 p.m.?

- Change times after 12 noon (— p.m.) to '24 hour clock'
- Put the *later* time FIRST and do an 'hours & minutes' subtraction sum

	hrs.	mins.
	20	40
-	<u>9</u>	<u>15</u>
	11	25

Ans: 11 hrs. 25 mins.

**C: Finding a POINT in TIME**

e.g. A film began at 8. 22 p.m. and lasted 2hrs. 35 mins. When did it end?

	hrs.	mins.
	20	22
+	<u>2</u>	<u>35</u>
	22	57

Ans : 22: 57 (10.57 p.m.)