



MATHS HOMEWORK = HELP

## Difference between two times

Find the difference, in hours and minutes, between the following times:-

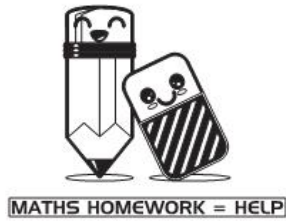
Start	Finish	Duration
4.16am	5.34am	
2.42pm	4.17pm	
7.37pm	9.49pm	
10.08am	12.21pm	
5.53am	8.25am	
9.47pm	11.58pm	
1.31am	3.54am	
8.49pm	11.28pm	

Find the finish time for the following times:-

Start	Duration	Finish
7.23am	1hr 24mins	
10.16pm	2hr 35mins	
1.48am	2hr 14mins	
4.31am	3hr 07mins	
2.07pm	2hr 56mins	
5.12pm	3hr 49mins	
8.57am	2hr 19mins	
3.29pm	2hr 57mins	

Find the start time for the following times:-

Finish	Duration	Start
10.56pm	1hr 34mins	
4.38am	1hr 17mins	
7.41pm	2hr 26mins	
9.47pm	2hr 09mins	
5.29am	3hr 17mins	
8.32am	2hr 46mins	
3.14pm	1hr 37mins	
11.06pm	3hr 53mins	



## Answers

Find the difference, in hours and minutes, between the following times:-

Start	Finish	Duration
4.16am	5.34am	1hr 18mins
2.42pm	4.17pm	1hr 35mins
7.37pm	9.49pm	2hr 12mins
10.08am	12.21pm	2hr 13mins
5.53am	8.25am	2hr 32mins
9.47pm	11.58pm	2hr 11mins
1.31am	3.54am	2hr 23mins
8.49pm	11.28pm	2hr 39mins

Find the finish time for the following times:-

Start	Duration	Finish
7.23am	1hr 24mins	8.47am
10.16pm	2hr 35mins	12.51pm
1.48am	2hr 14mins	4.02am
4.31am	3hr 07mins	7.38am
2.07pm	2hr 56mins	5.03pm
5.12pm	3hr 49mins	9.01pm
8.57am	2hr 19mins	11.16am
3.29pm	2hr 57mins	6.26pm

Find the start time for the following times:-

Finish	Duration	Start
10.56pm	1hr 34mins	9.22pm
4.38am	1hr 17mins	3.21am
7.41pm	2hr 26mins	5.15pm
9.47pm	2hr 09mins	7.38pm
5.29am	3hr 17mins	2.12am
8.32am	2hr 46mins	5.46am
3.14pm	1hr 37mins	1.37pm
11.06pm	3hr 53mins	7.13pm



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## **Tips and Techniques**

1. Read each question slowly. You may find it helpful to underline the numbers and important information that will affect your answer.

*For example: Find 23 more than 57?*

2. If you do not understand the question straightaway, try reading it through a couple of times until it makes sense.

3. Make sure you read the question carefully. Often, the words highlighted in bold in the question will be the part you need to pay the most attention to, e.g. *Which country had the **greatest increase** in visitors from 2005 to 2006?*

4. Even if you know the answer to the question without working it out on paper, it is important to always show your working out in the box provided. You will lose marks if you do not do this.

5. Always use a ruler when drawing shapes, symmetry or graphs.

6. Topics that are useful to revise;

\* **Time** - 24 hour clock, adding a length of time e.g. 45 minutes to a certain time. An example of a question where time is used is - *"The time is one thirty in the afternoon. Write this as it would be shown on a twenty-four hour clock?"*

\* **Money** - find the total amount of shopping items, how much change will you get from a £5, £10 note etc.

\* **Number calculations** - times tables, addition, subtraction, multiplication and division methods.

\* **Measurement** - how many metres in a kilometre, millilitres in a litre and grams in a kilogram?

\* **Percentages and fractions** -  $1/2=0.5$  or 50%,  $1/4=0.25$  or 25%,  $3/4=0.75$  or 75%,  $1/3=0.33$  or 33%,  $1/5=0.2$  or 20%

7. Check to see how many marks the question is worth. If it is worth more than one mark, make sure you show your working out.

8. Use everyday objects to help your child practice certain topics. For example; a shopping receipt can be good revision for money questions - adding totals and finding change. Other useful objects that you could use are;

\* **Television Guide** - Practice the time a programme starts, what time will it finish? how long does the programme last?

\* **Weather Chart** - Change in temperature - e.g. *The temperature fell from 3 degrees celsius to -4 degrees celsius. By how many degrees did the temperature fall?*

\* **Measure yourself and other family members to practice height** (in cm, metres), weight (in grams, kilograms), area of hands and feet. You could also calculate the average family height, weight etc.