

Difference between two times

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

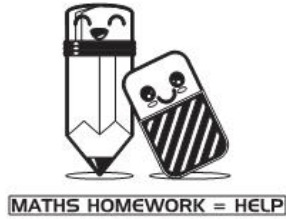
Start	Finish	Duration
2.30pm	4.15pm	
1.20am	5.45am	
3.10pm	6.50pm	
5.50pm	7.15pm	
4.25am	7.10am	
8.40am	11.25am	
10.55pm	12.05pm	
9.35pm	12.15am	

Find the finish time for the following times:-

Start	Duration	Finish
6.15am	1hr 40mins	
9.40pm	3hr 05mins	
2.25pm	2hr 45mins	
7.20am	3hr 15mins	
11.50pm	2hr 35mins	
4.10am	3hr 20mins	
10.35am	5hr 40mins	
3.40pm	4hr 55mins	

Find the start time for the following times:-

Finish	Duration	Start
10.35am	1hr 20mins	
6.20pm	3hr 10mins	
7.50pm	2hr 45mins	
2.15am	1hr 40mins	
9.40am	3hr 15mins	
4.20pm	2hr 55mins	
5.10pm	3hr 25mins	
8.05am	2hr 35mins	



Answers

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

Start	Finish	Duration
2.30pm	4.15pm	1hr 45mins
1.20am	5.45am	4hr 25mins
3.10pm	6.50pm	3hr 40mins
5.50pm	7.15pm	1hr 25mins
4.25am	7.10am	2hr 45mins
8.40am	11.25am	2hr 45mins
10.55pm	12.05pm	1hr 10mins
9.35pm	12.15am	2hr 40mins

Find the finish time for the following times:-

Start	Duration	Finish
6.15am	1hr 40mins	7.55am
9.40pm	3hr 05mins	12.45pm
2.25pm	2hr 45mins	5.10pm
7.20am	3hr 15mins	10.35am
11.50pm	2hr 35mins	2.25am
4.10am	3hr 20mins	7.30am
10.35am	5hr 40mins	4.15pm
3.40pm	4hr 55mins	8.35pm

Find the start time for the following times:-

Finish	Duration	Start
10.35am	1hr 20mins	9.15am
6.20pm	3hr 10mins	3.10pm
7.50pm	2hr 45mins	5.05pm
2.15am	1hr 40mins	12.35pm
9.40am	3hr 15mins	6.25am
4.20pm	2hr 55mins	1.25pm
5.10pm	3hr 25mins	1.45pm
8.05am	2hr 35mins	5.30am



MATHS HOMEWORK = HELP

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.