Finding the number halfway

Find the number halfway between the following two values:-

(hint: Add the two numbers together, and divide by 2)

1) 6 and 20

2) 5 and 17

3) 8 and 24

4) 12 and 36

5) 17 and 29

6) 15 and 21

7) 25 and 57

8) 41 and 77

9) 92 and 124

10) 112 and 156

11) 108 and 130

12) 136 and 158

13) 175 and 211

14) 181 and 255

15) 212 and 352

16) 21 and 56

17) 34 and 85

18) 95 and 120

19) 104 and 171

20) 153 and 212

21) 224 and 271

22) 257 and 322

23) 240 and 313

24) 208 and 409

25) 1.2 and 2.8

26) 3.5 and 7.1

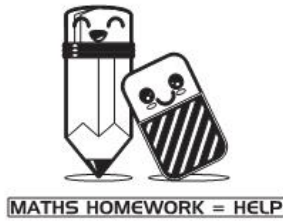27) 10.4 and 14.2

28) 2.1 and 5.4

29) 7.5 and 16.8

30) 12.2 and 25.7

Answers

Find the number halfway between the following two values:-

(hint: Add the two numbers together, and divide by 2)

1) 6 and 20	13
2) 5 and 17	11
3) 8 and 24	16
4) 12 and 36	24
5) 17 and 29	23
6) 15 and 21	18
7) 25 and 57	41
8) 41 and 77	59
9) 92 and 124	108
10) 112 and 156	134
11) 108 and 130	119
12) 136 and 158	147
13) 175 and 211	193

14) 181 and 255   218

15) 212 and 352   282

16) 21 and 56   38.5

17) 34 and 85   59.5

18) 95 and 120   107.5

19) 104 and 171   137.5

20) 153 and 212   182.5

21) 224 and 271   247.5

22) 257 and 322   289.5

23) 240 and 313   276.5

24) 208 and 409   308.5

25) 1.2 and 2.8   2.0

26) 3.5 and 7.1   5.3

27) 10.4 and 14.2   12.3

28) 2.1 and 5.4   3.75

29) 7.5 and 16.8   12.15

30) 12.2 and 25.7   18.95

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.