Adding & Subtracting – Worded Questions

Try these addition worded questions:-

1) If there are 17 boys and 22 girls in my class at school. How many children are there altogether?

2) What is 31 more than 26?

3) Increase 72 by 9.

4) Ben has 24 top trump cards and his friend, Jack, has 33. How many cards do they have in total?

5) Robert cycled 48 miles on Monday, 33 miles on Tuesday and 52 miles on Wednesday. How many miles did he cycle altogether?

6) Increase 62kg by 37kg.

7) What is 92 more than 125?

8) At a football match there were 246 people supporting the home team, and 135 people supporting the away team. How many people were there in total?

9) My friend Lisa loves collecting things. She has got 104 pencils, 72 rubbers and 63 pencil sharpeners. How many pencils, rubbers and pencil sharpeners has she collected altogether?

10) Three friends weighed themselves. Their weights were 42kg, 57kg and 49kg. What was their total weight?

Now try these subtraction worded questions: -

1) There are 35 students in a maths class, 19 of them are boys. How many are girls?

2) Decrease 72 by 18.

3) What is the difference between 96 and 48?

4) I want to drive to my parents' house 80km away. I have already driven 54km. How much further have I got left to drive?

5) My grandfather is 92 years old. He is 66 years older than me. How old am i?

6) Concert tickets for me and my two friends cost me £45.40. How much change would I get from £50?

7) A jug holds 1250ml of lemonade. I pour myself 500ml of lemonade into a glass. How much lemonade is left in the jug?

8) What is 137 less than 314?

9) Amy is going on holiday 2010 miles away. She has already flown 1680 miles of her journey. How much further has she got left to fly?

10) Lucy is decorating her Christmas tree. She wants to have 250 lights on the tree. So far she has 84 lights. How many more does she need?

<u>Answers</u>

Try these addition worded questions:-

1) If there are 17 boys and 22 girls in my class at school. How many children are there altogether?   17 + 22 = 39

2) What is 31 more than 26?   31 + 26 = 57

3) Increase 72 by 19. 72 + 19 = 91

4) Ben has 24 top trump cards and his friend, Jack, has 33. How many cards do they have in total?   24 + 33 = 57

5) Robert cycled 48 miles on Monday, 33 miles on Tuesday and 52 miles on Wednesday. How many miles did he cycle altogether?   48 + 33 + 52 = 133

6) Increase 62kg by 37kg.   62kg + 37kg = 99kg

7) What is 92 more than 125?   92 + 125 = 217

8) At a football match there were 246 people supporting the home team, and 135 people supporting the away team. How many people were there in total?   246 + 135 = 381

9) My friend Lisa loves collecting things. She has got 104 pencils, 72 rubbers and 63 pencil sharpeners. How many pencils, rubbers and pencil sharpeners has she collected altogether?
104 + 72 + 63 = 239

10)   Three friends weighed themselves. Their weights were 42kg, 57kg and 49kg. What was their total weight?   42kg + 57kg + 49kg = 148kg

Now try these subtraction worded questions: -

1) There are 35 students in a maths class, 19 of them are boys. How many are girls?
35 - 19 = 16

2) Decrease 72 by 18. 72 - 18 = 54

3) What is the difference between 96 and 48? 96 - 48 = 48

4) I want to drive to my parents' house 80km away. I have already driven 54km. How much further have I got left to drive? 80km - 54km = 26km

5) My grandfather is 92 years old. He is 66 years older than me. How old an i?
92 - 66 = 26 years old

6) Concert tickets for me and my two friends cost me £45.40. How much change would I get from £50? £50.00 - £45.40 = £4.60

7) A jug holds 1250ml of lemonade. I pour myself 500ml of lemonade into a glass. How much lemonade is left in the jug? 1250ml - 500ml = 750ml

8) What is 137 less than 314? 314 - 137 = 177

9) Amy is going on holiday 2010 miles away. She has already flown 1680 miles of her journey. How much further has she got left to fly? 2010 - 1680 = 330 miles

10) Lucy is decorating her Christmas tree. She wants to have 250 lights on the tree. So far she has 84 lights. How many more does she need?
250 - 84 = 166 lights

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.