

Word Problems

Curriculum for Excellence Experiences and Outcomes:

I can use addition, subtraction, multiplication and division when solving problems, making best use of the mental strategies and written skills I have developed. [MNU 1-03a](#)

Maths Benchmarks

- Uses multiplication and division facts to solve problems within the number range 0 to 1000. [\(MNU 1-03a\)](#)
- Multiplies and divides whole numbers by 10 and 100 (whole number answers only). [\(MNU 1-03a\)](#)
- Solves addition and subtraction problems with three digit whole numbers. [\(MNU 1-02a\)](#)
- Adds and subtracts multiples of 10 or 100 to or from any whole number to 1000. [\(MNU 1-02a\)](#)
- Applies strategies to determine division facts, for example, repeated subtraction, equal groups, sharing equally, arrays and multiplication facts. [\(MNU 1-02a\)](#)

Questions:

1. Anna and Beth think each of their wedding guests will have two cupcakes each. They have 50 wedding guests. How many cupcakes will they need?



2. Chandani has 200 doubles of her football cards and wants to share them equally between her 10 friends. How many cards does each friend get?

3. Danny plays for a wheelchair basketball team. They played in a tournament and in the first game scored 105. In the second game they scored 126! How many more points did they score in the second game?



4. Emir and his family are driving from Glasgow to Plymouth to visit Emir's sister. They drive for 150 miles and stop for lunch. They have another 250 miles to go. How far is the total trip?

5. Fiona is a teacher who has bought new pens for the class. There are 10 pens in a pack and she buys 6 packs. There are 20 children in her class. How many pens does Fiona have and how many does each child get?



Now make up three questions for your classmates.

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Questions:

1. Anna and Beth think each of their wedding guests will have three cupcakes each. They have 20 wedding guests. How many cupcakes will they need? The cupcakes cost £2.00 each. How much do they spend on cupcakes?



2. Chandani has 400 doubles of her football cards and wants to share them equally between her 20 friends. How many cards does each friend get?

3. Danny plays for a wheelchair basketball team. They played in a tournament and scored 113 points, 139 points, 83 points and 102 points. How many more points did they score overall? The winners of the tournament scored 489 points. What was the difference between Danny's team and the winners?



4. Emir and his family are driving from Glasgow to Plymouth to visit Emir's sister. They drive for 195 miles and stop for lunch. They have another 285 miles to go. How far is the total trip? The car uses 1 litre of petrol for every 10 miles driven. How much petrol does Emir's family need for a return trip?

5. Fiona is a teacher who has bought new pens for the class. There are 15 pens in a pack and she buys 10 packs. There are 30 children in her class. How many pens does Fiona have and how many does each child get? Are there any left over?



Now make up three questions for your classmates.