

Maths – Word Problems

This week you will have a 'Number of the Day' challenge and 2 word problems to solve. Please refer to the glossary and support sheet to help you calculations. Each day has an extension if you wish to challenge yourself

Monday's number:



1. Multiply by 5
2. 22 more
3. Next odd number
4. Next even number
5. List all the factors
6. What is a multiple of this number?
7. In roman numerals
8. **Extension:** Can you make a magic square where each row, diagonal and column's total is equal to today's number?

Word Problems:

On a school trip 272 people visit a museum. There are 223 children and 16 teachers, the rest are parents. How many parents are there?

The teachers have 234 biscuits in the staff room. Miss Ferguson eats 51, Mr James eats 75, how many biscuits do the rest of the teachers eat?

Tuesday's number:



1. Multiply by 3
2. 33 more
3. Next odd number
4. Next even number
5. List all the factors
6. What is a multiple of this number?
7. In roman numerals
8. Extension: Can you make a magic square where each row, diagonal and column's total is equal to today's number?

Word Problems:

Dominica has 523 stickers she lends 246 to Jada. Her sister gives her 123 stickers, how many does she have left?

Samira has £2.55. She buys two bag of crisps for 32p and a can of coke for 76p. How much change does she get?

Wednesday's number:

48

1. Double it
2. Divide by 8
3. Next odd number
4. Next even number
5. List all the factors
6. Round to the nearest 100
7. In roman numerals
8. Extension: Write a word problem with an answer of 48. Draw a bar model to match your word problem.

Word Problems:

Owen has one 50p coin and four 20p coins. He buys a melon for 47p and 2 grapefruits for 15p each. How much money does he have left?

There are 63 ducks on a farm. The farm has 3 times as many chickens as ducks. How many chickens are on the farm? What is the combined total of ducks and chickens?

Thursday's number:

162

1. Halve it.
2. 72 less
3. Next odd number
4. Next even number
5. Round to the nearest 100
6. Write it in words
7. In roman numerals
8. Extension: Write a word problem with an answer of 162. Draw a bar model to match your word problem.

Word Problems:

At a supermarket, apples are sold in large bags of 8 or small bags of 3. America bought 6 large bags and 4 small bags. How many apples did she buy altogether?

Rex buys 3 boxes of 12 cookies. He shares the cookies with his family. Each of them receives 6 cookies, including Rex. How many family members did Rex share cookies with?

Friday's number:

63

1. Multiply by 5
2. 37 more
3. Next odd number
4. Next even number
5. List all the factors
6. What is a multiple of this number?
7. In roman numerals
8. Extension: Can you make a magic square where each row, diagonal and column's total is equal to today's number?

Word Problems:

There are five times as many boys as girls living on Twix street. Together the street has 810 children living on it. How many boys are there?

There are 6 lollies in a packet. Miss Reynolds buys 25 packets and divides them equally among her neighbours. Each gets 4 lollies and there are 11 lollies left over. How many neighbours does she have altogether?