



Maths

Addition, Subtraction,
Multiplication and Division

Inspector Clue



Aim

- I can divide using a formal written method and interpret remainders according to the context.

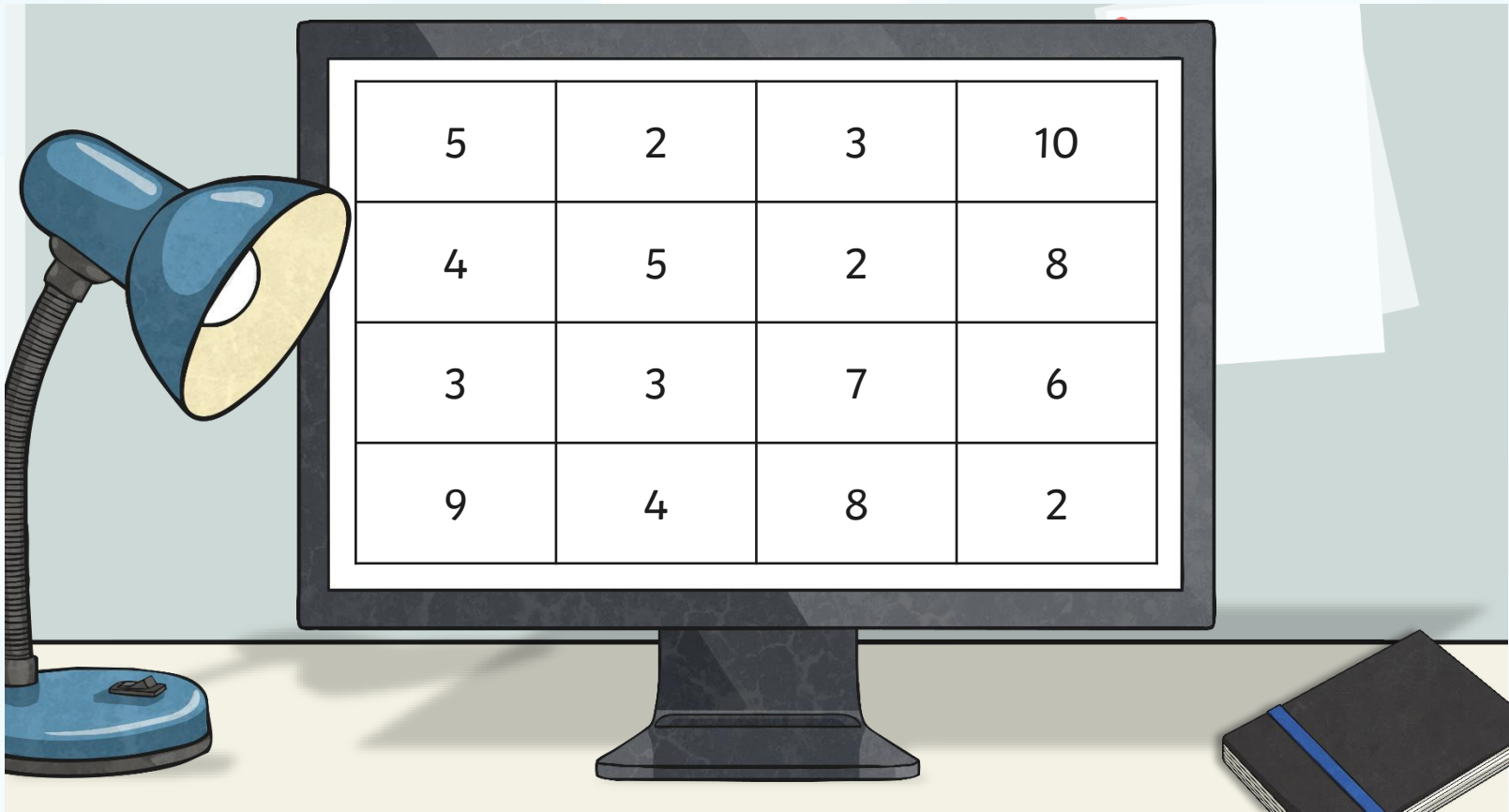
Success Criteria

- I can use known multiplication facts to complete calculations.
- I understand why place value is important whilst performing written calculations.
- I can use a written method to solve a calculation.
- I can divide four-digit numbers by a two-digit number.
- I can round up or down depending on the context.

Eighteen



Use the numbers adjacent (including diagonally) to make 18 using addition, subtraction, multiplication, division, orders and brackets.



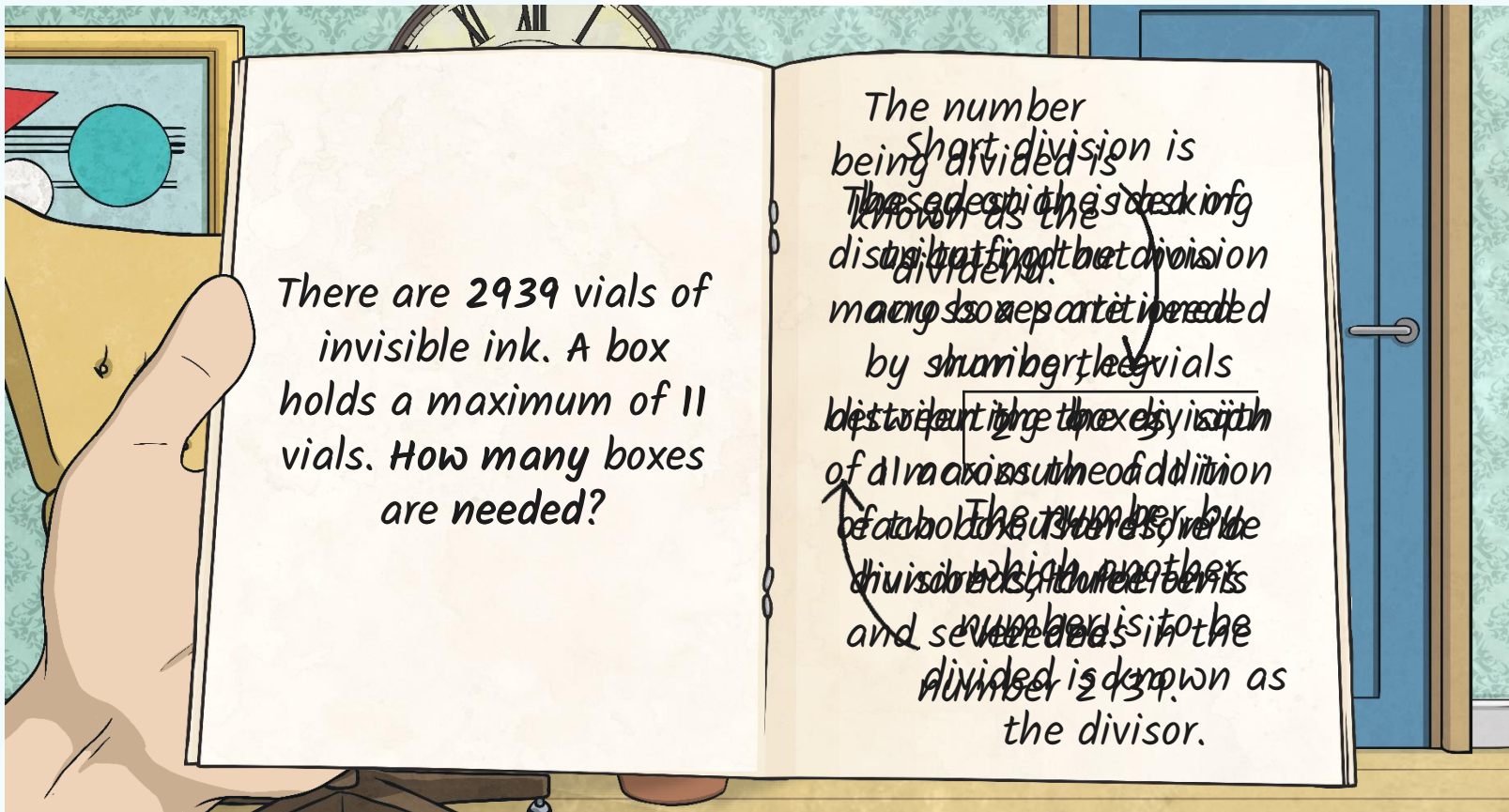
Searching for Clues (1)

There are 2939 vials of invisible ink. A box holds a maximum of 11 vials.
How many boxes are needed?



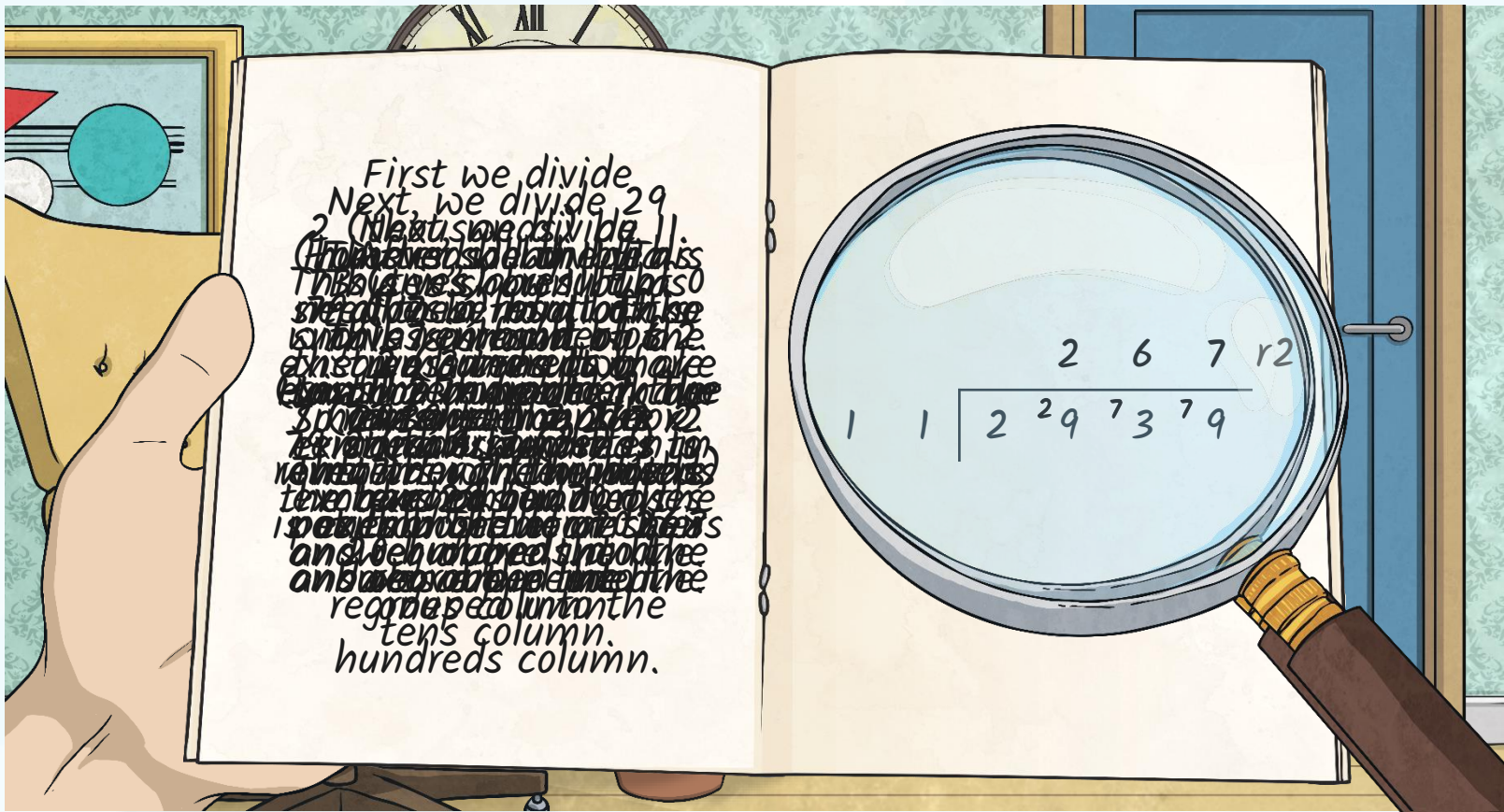
Searching for Clues (1)

First, we need to read the question and highlight any key words.



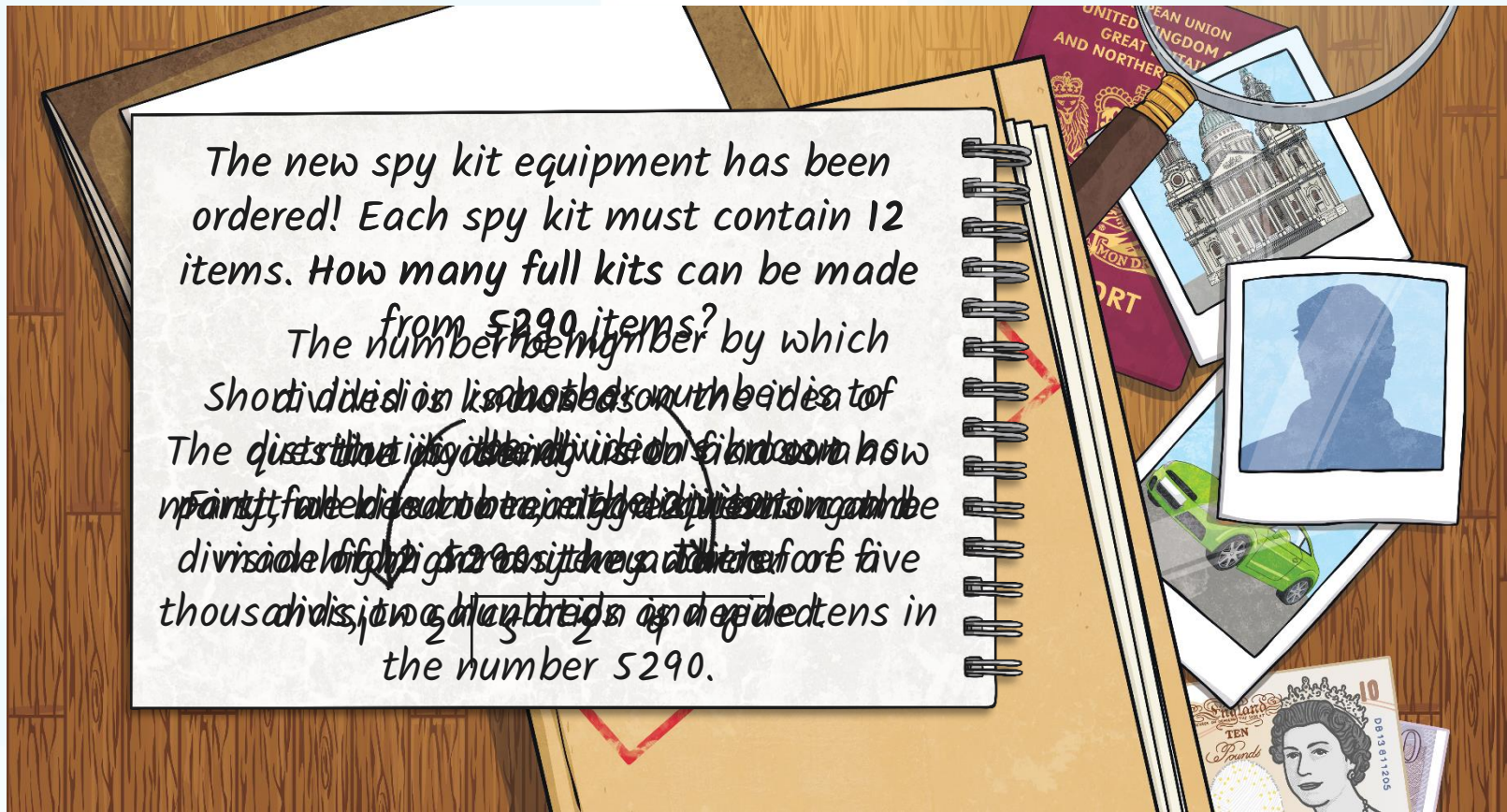
Searching for Clues (1)

There are 2939 vials of invisible ink. A box holds a maximum of 11 vials.
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Searching for Clues (1)

Let's have a go at a different problem involving four-digit numbers.

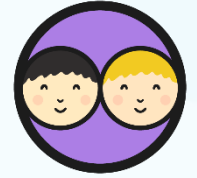


The new spy kit equipment has been ordered! Each spy kit must contain 12 items. How many full kits can be made

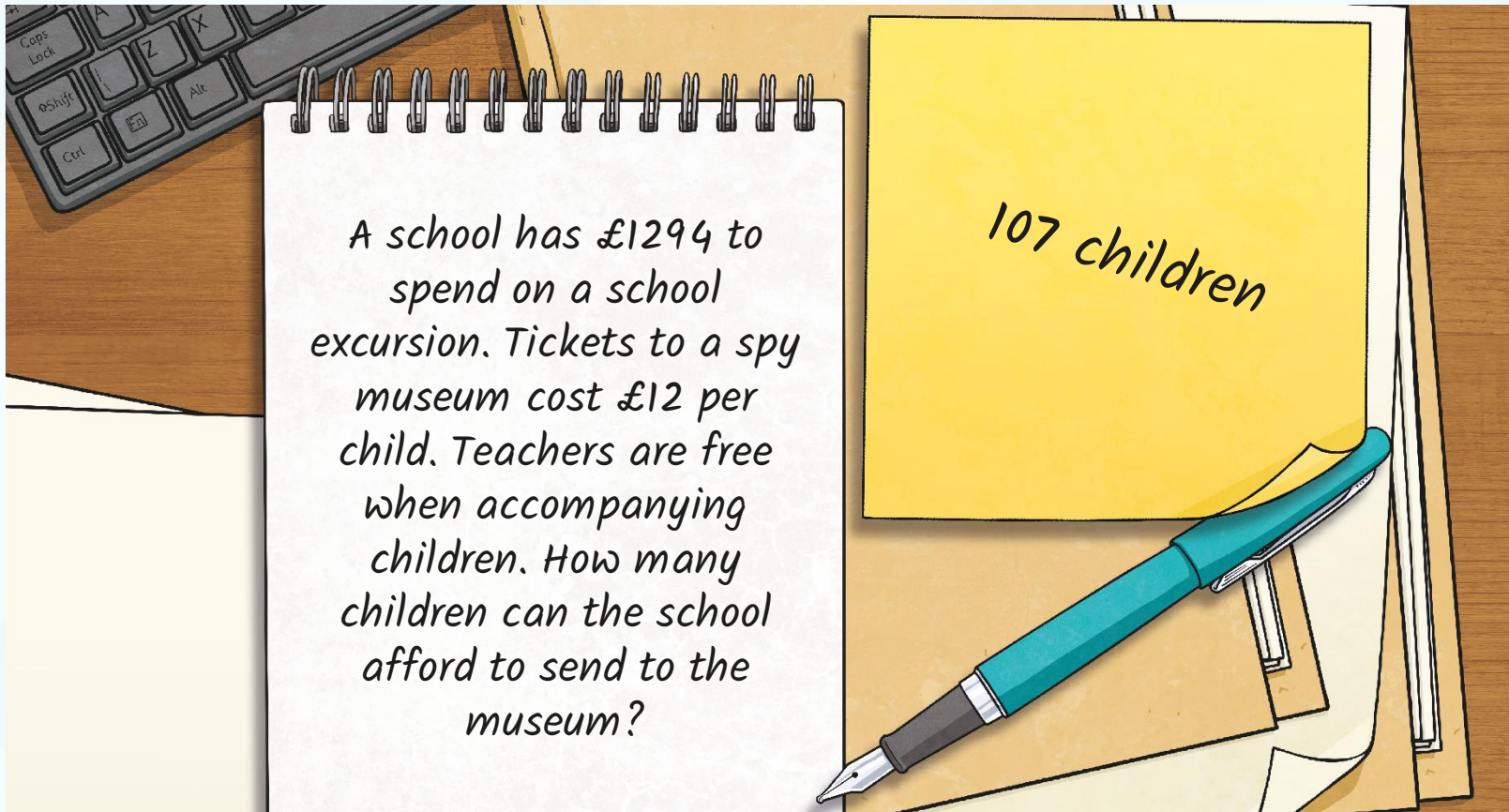
from 5290 items?

The number being divided is 5290. The number by which it is divided is 12. The quotient is 440 with a remainder of 10. This means that 440 full kits can be made from 5290 items, with 10 items left over.

Searching for Clues (2)



Have a go at solving this problem. If you have a remainder, remember to round up or down depending on the context.



Searching for Clues (2)

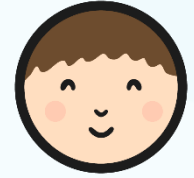


Have a go at solving this problem. If you have a remainder, remember to round up or down depending on the context.

The minibus has to do seven journeys. On one of the journeys, the minibus will not be full.

107 children and 15 adults are going to the spy museum. The minibus holds 20 people. How many journeys must the minibus do to take all of the people to the museum?

Problem Solver



Use your marvellous maths skills to complete these activity sheets:

Problem Solver

I can divide using short division.

Cut out the word problems. Sort the word problems on to the table and then solve the problem using short division, remembering to round the remainder up or down depending on the context.

Round Up	Round Down

1) Anouk had 54 items. She gave 12 to her friend. How many items does she have?

2) Abel's combi has 12 pages. He has 5937cm of lace. How many pages does he have?

3) How long will it take to travel 1847 km if you are travelling at 4893 km/h?

4) Ezra has 12 people on his team. He uses 12 people on his team. How many people are on his team?

5) There are 12 people on the bus. How many people are on the bus?

6) Wyatt has 582 items. He wants to buy 3284 items. How many items does he need?

Mohammad's school has 50 items. He reads 845cm of ribbon. How many items does he have?

A school has 739 items. How many items does it have?

A decoration has 845cm of ribbon. How many items does it have?

Eggs are sold in boxes of 12. How many boxes are there if you have 482 items?

A school has 482 items. How many items does it have?

A bakery sells 12 items. How many items does it have?

Amil has 52 items. How many items does he have?

A primary school has 427 items. How many items does it have?

12 people can play a game. How many people can play a game?

How long will it take to travel 582 km if you are travelling at 12 km/h?

The student club has 3284 items. How many items does it have?

Problem Creator



Create your own division problem for a partner to solve.



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