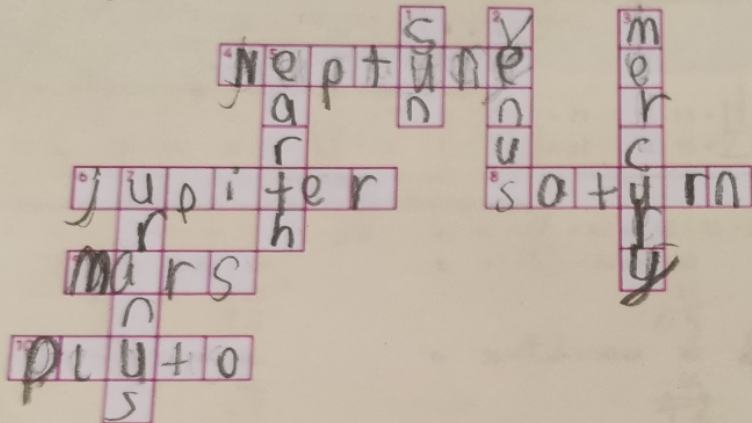




Puzzle Time



Across

- 4 This planet is a bluish colour.
- 6 The largest planet in our solar system.
- 8 The second largest planet.
- 9 The Red Planet.
- 10 This dwarf planet was discovered in 1930.

Down

- 1 This ball of hot gas is the nearest star to the Earth.
- 2 Our sister planet.
- 3 The planet closest to the sun.
- 5 Our home planet.
- 7 This planet has 27 moons.



Map Time

Explore an interactive space map. Visit <http://www.bbc.co.uk/science/space/playspace/spacemap/index.shtml>. Zoom around the map to explore our space in the universe.

Integration Project

English

Design your own application form for becoming an astronaut. What important information should be included?

Gaeilge

Chuala tú torann. D'fhéach tú amach an fhuinneog agus chonaic tú spásárthach. Scríobh scéal faoinar tharla ansin.

Mathematics

Calculate how much you would weigh on other planets in the solar system. Visit <http://www.solarviews.com/eng/edu/weight.htm>

Drama

Hot Seat: Imagine an alien space ship has landed. One member of the class takes on the role of the alien and sits in the hot seat. Take it in turns to ask the alien questions about its life and planet.

Our Planet in Space

History

Investigate the history of space exploration. Who landed on the moon first? Investigate other space expeditions.

SPHE

What qualities would you think are important to be an astronaut? Have a class discussion. What qualities do you have that would make you a good astronaut?

Art

Using *papier mâché*, create your own model solar system. Remember, the sizes of the different planets vary. Tape string to each planet and hang the planets from the ceiling.

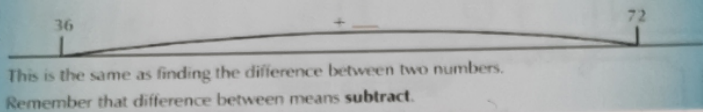
Science

If you had to choose one other planet to live on, which planet would you choose? Which planet would be best suited to human life? Explore the different planets and decide.



Number sentences

$36 + \underline{\quad} = 72$



A Use addition to help you answer the following sums.

1. $6 + 6 = 12$ 2. $9 + 11 = 20$ 3. $14 + 7 = 21$ 4. $15 + 11 = 26$
 5. $8 + 10 = 18$ 6. $16 + 18 = 34$ 7. $7 + 34 = 41$ 8. $10 + 27 = 37$

B Use subtraction to help you answer the following sums.

1. $36 + 36 = 72$ or $72 - 36 = 36$ 2. $45 + 17 = 62$ or $62 - 45 = 17$
 3. $22 + 26 = 48$ or $48 - 22 = 26$ 4. $27 + 55 = 82$ or $82 - 27 = 55$
 5. $65 + 21 = 86$ or $86 - 65 = 21$ 6. $56 + 42 = 98$ or $98 - 56 = 42$

C Fill in the missing numbers from the Magic Squares.

1. The magic number is 12.

5	4	3
6	4	2
6	3	3

2. The magic number is 18.

5	11	2
6	10	2
10	1	7

3. The magic number is 20.

9	10	1
5	7	8
4	11	5

4. The magic number is 21.

5	7	9
3	8	10
4	6	11

A Answer the questions.

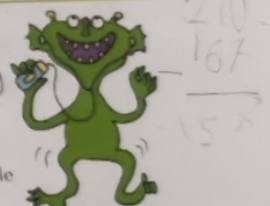
1. Use multiplication to help you answer the following sums.
 (a) $2 \times 5 = 10$ (b) $3 \times 4 = 12$ (c) $4 \times 4 = 16$ (d) $8 \times 6 = 48$
 (e) $5 \times 7 = 35$ (f) $9 \times 9 = 81$ (g) $6 \times 9 = 54$ (h) $7 \times 8 = 56$
2. Try dividing and see if it helps to find the answer.
 (a) $2 \times 9 = 18$ $18 \div 2 = 9$ (b) $3 \times 9 = 27$ $27 \div 3 = 9$ (c) $4 \times 4 = 16$ $16 \div 4 = 4$
 (d) $7 \times 7 = 49$ $49 \div 7 = 7$ (e) $5 \times 9 = 45$ $45 \div 5 = 9$ (f) $6 \times 9 = 54$ $54 \div 6 = 9$
 (g) $9 \times 7 = 63$ $63 \div 9 = 7$ (h) $8 \times 9 = 72$ $72 \div 8 = 9$ (i) $9 \times 9 = 81$ $81 \div 9 = 9$

B Match the following sentences to the correct number sentence.

1. There are 24 pupils in Jen's class. Another 4 join. Now there are 28 pupils in Jen's class. $24 + 4 = 28$
2. Joan read 34 pages of her book on Monday night and another 28 on Tuesday. Altogether she read 62 pages. $34 + 28 = 62$
3. Alice collects football cards. She had 98 but she gave 22 to her best friend. Now she has 76 football cards. $98 - 22 = 76$
4. Alex bought 2 packets of stickers every day for a week. He bought 14 packets altogether. $2 \times 7 = 14$
5. Jamie shared out 24 cubes between 3 people. They each got 8 cubes. $24 \div 3 = 8$

C Write a number sentence for each of the following.

1. Mum has 87 books on the bookshelf. She buys another 13 and puts them on the bookshelf. How many books has she altogether? $87 + 13 = 100$
2. Nathan stored 134 songs on his MP3 player. He decided to delete 24 songs. How many songs are now on the MP3 player? $134 - 24 = 110$
3. Tara read 167 pages of her book. There are 210 pages in the whole book. How many pages has she left to read? $210 - 167 = 43$
4. On Monday, Mr Potter sold 23 flower pots. On Tuesday he sold 26 flower pots. If Mr Potter sold 87 flower pots altogether on Monday, Tuesday and Wednesday, how many flower pots did he sell on Wednesday? $87 - 23 - 26 = 38$



D In your copy, write word problems for the following number sentences.

1. $67 + 24 = 91$ 2. $89 - 45 = 44$ 3. $6 \times 4 = 24$ 4. $32 \div 8 = 4$
 5. $31 + 42 = 73$ 6. $78 - 49 = 29$ 7. $7 \times 10 = 70$ 8. $81 \div 9 = 9$

Use your own copy number sentence.

Strand: Algebra
Strand Level: Number Patterns and Sequences

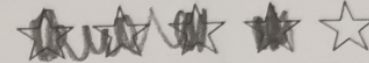
Use your own copy number sentence.
Use a copy of the problem.
Use your own copy number sentence.

Strand: Algebra
Strand Level: Number Patterns and Sequences



A Book Review by David

Your star rating for this book:



Title: Diary of the Wimpy Kid: The Getaway Author: Jeff Kenna

Characters

Who are they?

Did you like them?

How did they make you feel?

The characters are
Rodrick, Manny, Mum,
Dad and The Wimpy Kid.

Plot

What happens? Is it fun to read?

The Wimpy Kid wants
to stay at home
for Christmas, but his
Mum and Dad want
to go to Isla de
Corales instead.

Your opinion

Did you like the book? What was your favourite part & why?

Were there any funny or scary bits? Did you learn anything?

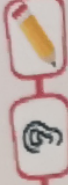
I like this book because
it is funny it is an adventure
and weird.

Recommend?

Why or why not?

I would
recommend it
because it is
a cool book.

Cén sórt aimsire atá ann inniu?



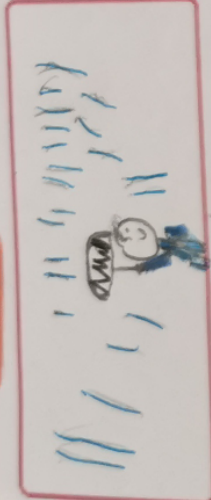
G. Éist, tarraing agus scríobh.

flúch

te

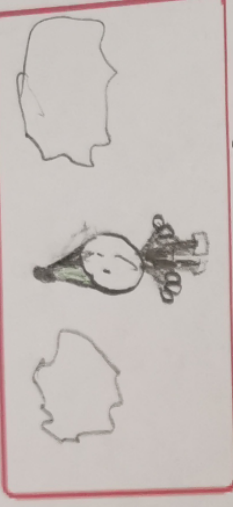
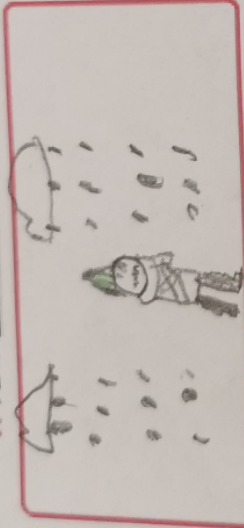
fuair

goofar



1. Tá sé flúch inniu.

2. Tá sé te inniu.



3. Tá sé fuair inniu.

4. Tá sé goofar inniu.



H. Nathair na bhfocal.

Bhianaimsir an -fhliuch

1. Bhí an aimsir an fhliuch.

Bhí na áistí praeachtales an bhfuacht

2. Bhí na gáistí praeachtales an bhfuacht.

Thosaigh na gpalpachy annas.

3. Thosaigh na gpalpachy annas.



Scríobh nathair na bhfocal de do chuid féin agus tabhair do do chara é.