

### Spellings:

Learn these words off by heart  
and use them in a sentence.

1. history
2. imagine
3. increase
4. important
5. interest
6. island
7. knowledge
8. learn
9. length
10. library

### Reading:

Go to purple mash -  
serial mash-  
emeralds- 'Alien  
Street'.

Read each chapter of  
'**Alien Street**' and  
complete the tasks  
next to each chapter.

### Grammar: Prepositions

A preposition is a word that tells you where or when something is in relation to something else. Examples of prepositions include words like after, before, on, under, inside and outside.

Write out the sentences below and underline the prepositions:

- 1) After walking for miles she rested on a hill.
- 2) At 5 o'clock I am going on a walk next to the river.
- 3) The cat was sat under the table that was next to the rug.
- 4) I keep my snacks inside the drawer beside my desk.
- 5) Before school, I eat my breakfast in front of the television.
- 6) Beside my house, there is a shop with a big sign on top.

### Addition:

- 1)  $6785 + 2599 =$
- 2)  $1634 + 5567 =$
- 3)  $2633 + 8565 =$
- 4)  $1308 + 3574 =$
- 5)  $4962 + 276 =$
- 6)  $9511 + 872 =$

Challenge: John is having a garden party. He will need to make 412,250 sandwiches in total. He makes 28,000 tuna, 51,000 cheese, 84,500 ham and 75,025 egg. He decides to make the rest cucumber. How many cucumber sandwiches will there be?

### Subtraction:

- 1)  $9643 - 733 - 24 =$
- 2)  $3435 - 243 - 17 =$
- 3)  $6443 - 886 - 54 =$
- 4)  $2445 - 517 - 13 =$
- 5)  $3646 - 606 - 14 =$
- 6)  $4559 - 274 - 13 =$

Challenge: Grace says that  $5129 - 3372 = 2257$  because: ' $5000 - 3000 = 2000$   
 $300 - 100 = 200$  /  $70 - 20 = 50$   
 $9 - 2 = 7$  so  $5129 - 3372$  is  $2257$ '  
Do you agree with Grace? Use an addition calculation to justify your answer.

### Multiplication:

- 1)  $896 \times 7 =$
- 2)  $4 \times 220 =$
- 3)  $550 \times 6 =$
- 4)  $6 \times 222 =$
- 5)  $158 \times 8 =$
- 6)  $212 \times 9 =$

#### Challenge:

Tick the right calculation and explain how you know it's correct.  
 $4 \times 235 = 940$   
 $212 \times 5 = 1000$   
 $137 \times 6 = 844$

### Division:

- 1)  $121 \div 11 =$
- 2)  $300 \div 6 =$
- 3)  $478 \div 4 =$
- 4)  $8888 \div 4 =$
- 5)  $560 \div 7 =$
- 6)  $4000 \div 8 =$

#### Challenge:

Look at the number sentences.  
Can you spot the mistake?  
 $24 \div 2 = 12$   
 $12 \div 84 = 7$   
 $60 \div 12 = 5$

### Spellings:

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7. knowledge
8. learn
9. length
10. library

Check each word's spelling. Make sure each sentence makes sense and the correct punctuation was used.

### Reading:

Read each chapter of the 'Alien Street' on Serial Mash and complete the tasks next to each chapter.

[https://www.purplemash.com/#tab/pm-home/serialmash/serialmash\\_emeralds/alien\\_street\\_pupils](https://www.purplemash.com/#tab/pm-home/serialmash/serialmash_emeralds/alien_street_pupils)

### Grammar: Prepositions

A preposition is a word that tells you where or when something is in relation to something else. Examples of prepositions include words like after, before, on, under, inside and outside.

Write out the sentences below and underline the prepositions:

- 1) After walking for miles she rested on a hill.
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- 4) I keep my snacks inside the drawer beside my desk.
- 5) Before school, I eat my breakfast in front of the television.
- 6) Beside my house, there is a shop with a big sign on top.

### Addition:

- 1)  $6785 + 2599 = 9384$
- 2)  $1634 + 5567 = 7201$
- 3)  $2633 + 8565 = 11197$
- 4)  $1308 + 3574 = 4882$
- 5)  $4962 + 276 = 5238$
- 6)  $9511 + 872 = 10383$

Challenge: John is having a garden party. He will need to make 412,250 sandwiches in total. He makes 28,000 tuna, 51,000 cheese, 84,500 ham and 75,025 egg. He decides to make the rest cucumber. How many cucumber sandwiches will there be?  
**173725**

### Subtraction:

- 1)  $9643 - 733 - 24 = 8886$
- 2)  $3435 - 243 - 17 = 3175$
- 3)  $6443 - 886 - 54 = 5503$
- 4)  $2445 - 517 - 13 = 1915$
- 5)  $3646 - 606 - 14 = 3026$
- 6)  $4559 - 274 - 13 = 4272$

Challenge: Grace says that  $5129 - 3372 = 2257$  because: ' $5000 - 3000 = 2000$   
 $300 - 100 = 200$  /  $70 - 20 = 50$   
 $9 - 2 = 7$  so  $5129 - 3372$  is  $2257$ '  
Do you agree with Grace? Use an addition calculation to justify your answer.  
 $2257 + 3372 = 5629$   
**No, the answer is 1757**

### Multiplication:

- 1)  $896 \times 7 = 6272$
- 2)  $4 \times 220 = 880$
- 3)  $550 \times 6 = 3300$
- 4)  $6 \times 222 = 1332$
- 5)  $158 \times 8 = 1264$
- 6)  $212 \times 9 = 1908$

Challenge:

Tick the right calculation and explain how you know it's correct.  
 $4 \times 235 = 940$  ✓  
 $212 \times 5 = 1000$   
 $137 \times 6 = 844$

### Division:

- 1)  $121 \div 11 = 11$
- 2)  $300 \div 6 = 50$
- 3)  $478 \div 4 = 119 \text{ r } 2$
- 4)  $8888 \div 4 = 2222$
- 5)  $560 \div 7 = 80$
- 6)  $4000 \div 8 = 500$

Challenge:

Look at the number sentences. Can you spot the mistake?  
 $24 \div 2 = 12$   
 $12 \div 84 = 7$   
 $60 \div 12 = 5$