

### 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- 'The Knockers'.

Read each chapter of '**The Knockers**' 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)  $675 + 299 =$
- 2)  $134 + 567 =$
- 3)  $233 + 865 =$
- 4)  $108 + 374 =$
- 5)  $492 + 276 =$
- 6)  $911 + 872 =$

#### Challenge:

Three runners are training for a race. This week runner 1 ran 36k, runner 2 ran 23km and runner 3 ran 19km. How many kilometres have they ran in total?

### Subtraction:

- 1)  $943 - 73 - 24 =$
- 2)  $345 - 23 - 17 =$
- 3)  $643 - 86 - 54 =$
- 4)  $245 - 17 - 13 =$
- 5)  $346 - 66 - 14 =$
- 6)  $459 - 27 - 13 =$

#### Challenge:

Harry and Tom are also training for a charity run and they discover that one night Harry ran 5.34Km. Jointly they ran 12.78Km. How far did Tom run?

### Multiplication:

- 1)  $8 \times 7 =$
- 2)  $4 \times 20 =$
- 3)  $50 \times 6 =$
- 4)  $6 \times 22 =$
- 5)  $15 \times 8 =$
- 6)  $12 \times 9 =$

Challenge: Find the incorrect number in these sequences:

- a) 11, 22, 33, 44, 53, 66, 77
- b) 9, 18, 27, 35, 45, 54, 63
- c) 4, 8, 12, 18, 20, 24, 28, 32

### Division:

- 1)  $121 \div 11 =$
- 2)  $300 \div 6 =$
- 3)  $478 \div 2 =$
- 4)  $88 \div 4 =$
- 5)  $56 \div 7 =$
- 6)  $400 \div 8 =$

Challenge: tennis balls are bought in boxes of 7. I need 49 tennis balls. How many boxes will I need to buy? How many boxes would I need if I bought 63 balls? What if I bought 98 balls?

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Ask someone to test you. Check each of your sentences and make sure they make sense.

### Reading:

Read each chapter of the '**The Knockers**' on Serial Mash and complete the tasks next to each chapter.

[https://www.purplemash.com/#tab/pm-home/serialmash/serialmash\\_emeralds/the\\_knockers\\_pupils](https://www.purplemash.com/#tab/pm-home/serialmash/serialmash_emeralds/the_knockers_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:

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- 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)  $675 + 299 = 974$
- 2)  $134 + 567 = 701$
- 3)  $233 + 865 = 1098$
- 4)  $108 + 374 = 482$
- 5)  $492 + 276 = 768$
- 6)  $911 + 872 = 1783$

#### Challenge:

Three runners are training for a race. This week runner 1 ran 36k, runner 2 ran 23km and runner 3 ran 19km. How many kilometres have they ran in total? **78 km**

### Subtraction:

- 1)  $943 - 73 - 24 = 846$
- 2)  $345 - 23 - 17 = 305$
- 3)  $643 - 86 - 54 = 503$
- 4)  $245 - 17 - 13 = 215$
- 5)  $346 - 66 - 14 = 266$
- 6)  $459 - 27 - 13 = 419$

#### Challenge:

Harry and Tom are also training for a charity run and they discover that one night Harry ran 5.34Km. Jointly they ran 12.78Km.

How far did Tom run? **7.44 km**

### Multiplication:

- 1)  $8 \times 7 = 56$
- 2)  $4 \times 20 = 80$
- 3)  $50 \times 6 = 300$
- 4)  $6 \times 22 = 132$
- 5)  $15 \times 8 = 120$
- 6)  $12 \times 9 = 108$

Challenge: Find the incorrect number in these sequences:

- a) 11, 22, 33, 44, **53**, 66, 77
- b) 9, 18, 27, **35**, 45, 54, 63
- c) 4, 8, 12, **18**, 20, 24, 28, 32

### Division:

- 1)  $121 \div 11 = 11$
- 2)  $300 \div 6 = 50$
- 3)  $478 \div 2 = 239$
- 4)  $88 \div 4 = 22$
- 5)  $56 \div 7 = 8$
- 6)  $400 \div 8 = 50$

Challenge: tennis balls are bought in boxes of 7. I need 49 tennis balls How many boxes will I need to buy? **7** How many boxes would I need if I bought 63 balls? **9** What if I bought 98 balls? **14**