

Friday 12th June

Dear Year 6,

We hope you and your families are keeping well and have had a good week.

As always, use today to complete any unfinished activities too. Remember there's the Reading Challenge to try if you have a few spare moments.

Try to read for at least 20 minutes a day and take Accelerated Reader quizzes from home by using this link [Howley Grange Renaissance at home](#) and logging on as usual using your username and password. To check that the book you are reading has a quiz, you can check it using on [Accelerated Reader Bookfinder](#). It's okay to read books which haven't got a quiz - just keep a record of what you have read.

As always, remember to take time to relax, exercise and be kind to yourselves and each other.

Take care and keep smiling,

Mrs Graham and Mrs North

English Activity 5 - Types of nouns

Use the Learning Reminder below to remind yourself of the different types of nouns.

Types of Nouns

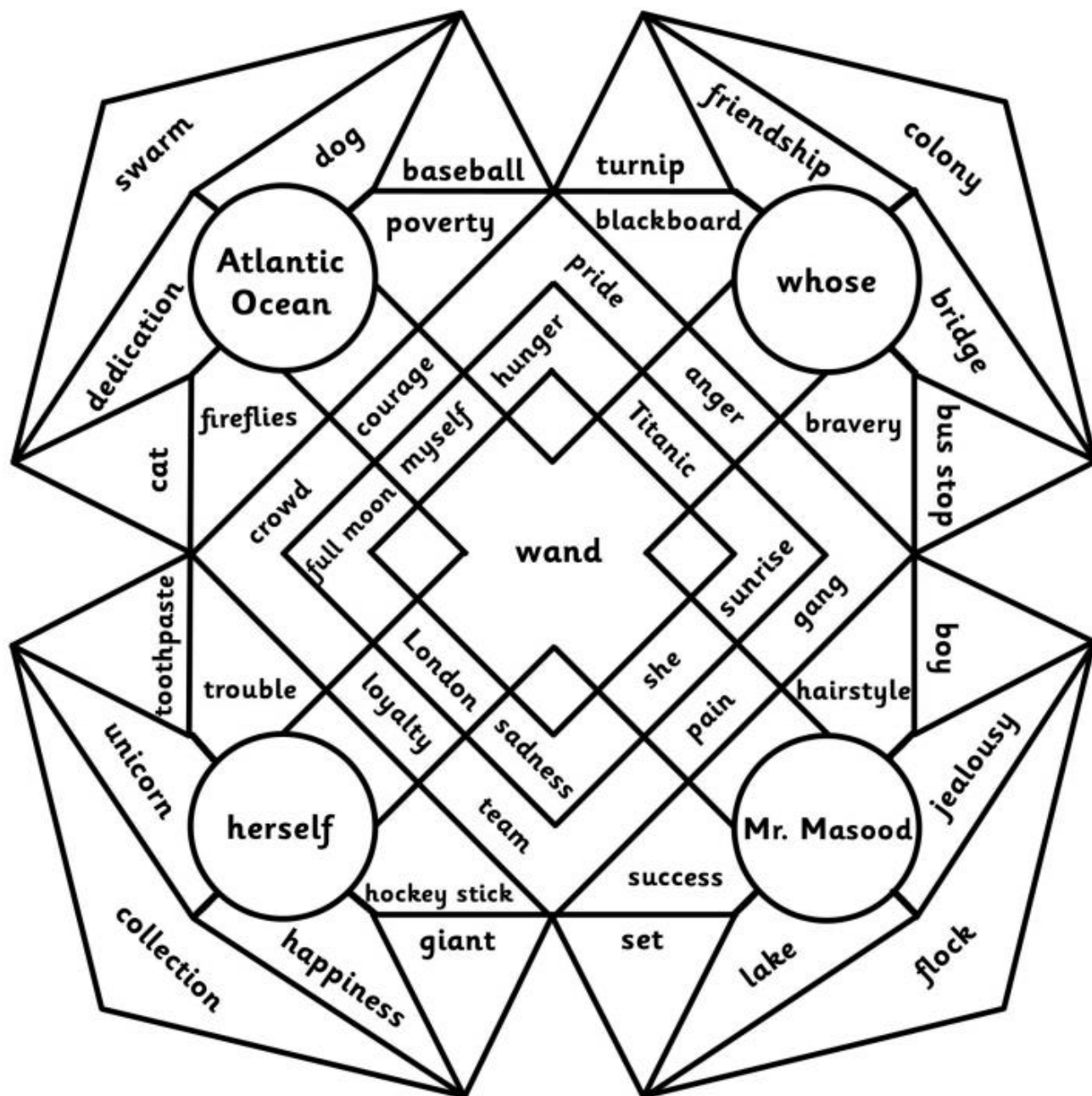
Common	Proper	Collective	Compound
A common noun is a noun that refers to people or things in general, e.g. <i>dog, coat, lettuce, church, truth, danger, happiness, time, friendship, humour</i> .	A proper noun is a name that identifies a particular person, place, or thing, e.g. <i>Steven, Africa, Tower Bridge, London, Monday</i> . In written English, proper nouns begin with capital	Collective nouns refer to groups of people or things, e.g. <i>audience, family, government, team, jury</i> .	refer to two or more words combined to form a single noun (<i>sister-in-law, schoolboy, fruit juice</i>).
Concrete	Abstract	Countable	Non-countable
A concrete noun is a type of common noun but refers to things that exist physically and can be seen, touched, smelled, heard or tasted. Examples include <i>dog, coat, lettuce, church</i>	An abstract noun is a type of common noun which refers to ideas, qualities, and conditions - things that cannot be seen or touched and things which have no physical reality, e.g. <i>truth, danger, happiness, time, friendship, humour</i> .	have a singular and a plural form. In plural, these nouns can be used with a number - they can be counted. (<i>friends, chairs, houses, boys...</i>)	can only be used in singular. They can't be counted. (<i>money, bread, water, coffee...</i>)

tes

It is very easy to be confused between concrete and common nouns! You need to know and understand common and proper nouns and if these are countable or non-countable. Concrete, abstract, collective and compound nouns are all types of common nouns.

English Activity 5a - Types of nouns

Colour in the shapes according to the key below.



Concrete = yellow

Abstract = blue

Collective = purple

Compound = green

Pronouns = red

Proper = orange

English Activity 5b - Types of nouns

Can you identify all of the nouns in the paragraph below?

Perhaps colour or label them according to their type. Can you break the common nouns into concrete, abstract and compound?

Challenge: can you sort the nouns into countable and non-countable?

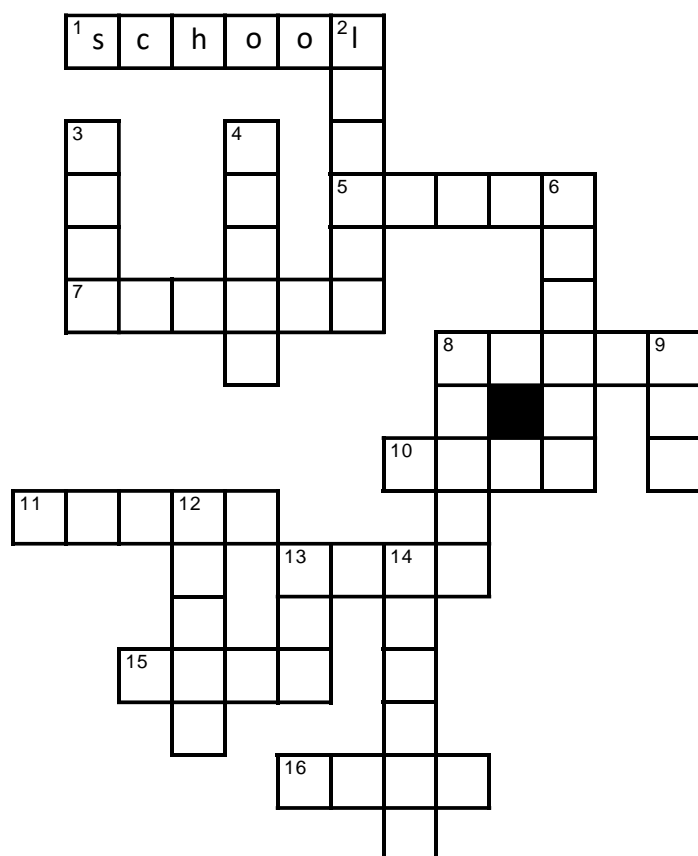
Remember a great way to find a noun is to look for the determiner before it.

Most rhinoceroses are found across South Africa, although some have been known to inhabit the deepest rainforests of Venezuela. Amazingly, rhinoceroses like to burrow and therefore make their homes underground. They use their rhino tusk to gouge the sun-baked soil and tunnel deep down, to create soil cocoons to sleep in. Some have been known to sleep in trees, but only the largest branches can support their enormous weight.

English Activity 5c - Collective nouns

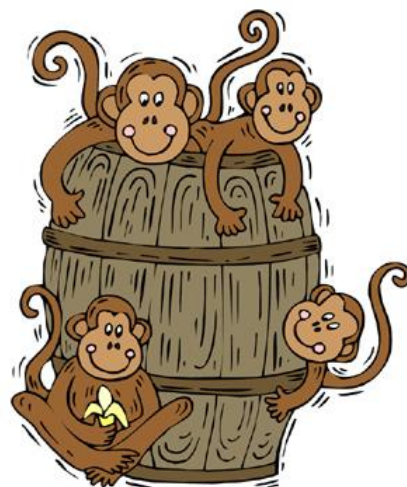
Your last activity is to complete the crossword by filling in the collective nouns (the names of the group of each animal). You may need to ask a grown up to help or use a dictionary or the internet.

Collective Nouns of Animals



Here are a few hints!

gang litter
 smack mob
pod covey



Across

1. A group of fish.
5. A group of baboons.
7. A group of crows.
8. A group of insects.
10. A group of feeding vultures.
11. A group of birds.
13. A group of wolves.
15. A group of cattle or bison.
16. A group of elk.

Down

2. A group of puppies or kittens.
3. A group of animals used by people for pulling.
4. A group of lions.
6. A group of elephants.
8. A group of jellyfish.
9. A group of kangaroos.
12. A group of partridges.
13. A group of whales.
14. A group of bats or ants.

Maths Activity 5a - ten in ten 😊

- 1) $569\,231 - 72\,928 =$
- 2) $1496 \div 11 =$
- 3) $4^3 + 10 =$
- 4) $1.67 - 0.4 =$
- 5) 40% of 6500 =
- 6) $1.86 \times 12 =$
- 7) $0.53 \times 100 =$
- 8) $2/5 \div 15 =$
- 9) $0 \div (13 - 5) =$
- 10) 16% of 800 =

You know the rule!

Ten minutes to answer ten questions 😊

Challenge

- 11) A rectangular garden has an area of 54m^2 . The length is 9m. What is the width?
- 12) How many hours are there in a week?
- 13) If $n - 45 = 128$, then $n = ?$
- 14) Convert 5.16pm to a 24-hour format:
- 15) What is 0.25 as a simplified fraction?

Maths Activity 5 - Calculating and interpreting the mean

We have included a Learning Reminder that will help you with answering today's questions.

Don't forget that you can also use your Maths revision book to help you.

Learning Reminder

Calculate and interpret the mean as an average.

This table shows the numbers of texts sent on one typical day by ten children in Y7.

Table of numbers of texts sent by children in Year 7

Children	Tom	Sira	Zoe	Amit	Ben	Ella	Jim	Erin	Sam	Bella
Number of texts sent per day	10	18	24	6	0	10	8	16	2	20

? How can we find the mean number of texts children sent on this typical day?

Add up the number of texts and divide by the number of children.

Total number of texts = 114

? The mean (average) number of texts is **11.4** ($114 \div 10$). Does this look about right?

Calculate and interpret the mean as an average.

These tables show the numbers of texts sent on one typical day by ten children in Y7 and ten children in Y10.

Table of numbers of texts sent by children in Year 7

Children	Tom	Sira	Zoe	Amit	Ben	Ella	Jim	Erin	Sam	Bella
Number of texts sent per day	10	18	24	6	0	10	8	16	2	20

? Do you think the average number of texts is higher or lower for children in Year 10?

A Year 10 student has calculated the mean as 32. Does this seem correct?

Table of numbers of texts sent by children in Year 10

Children	Ann	Ahmed	Sean	Jill	Slan	Anjell	Finn	Bob	Will	Kate
Number of texts sent per day	16	14	12	26	30	24	19	14	29	34

Total number of texts = 218

32 seems a bit high, only one pupil (Kate) sent more than that. Work out the correct mean.

The correct mean is **21.8**.

Maths Activity 5b ** and ***

Finding the mean

Lengths completed in the swimming lesson

Livvy	Malik	Sam	Izzy	Jacob	Daisy
10	6	8	14	20	17

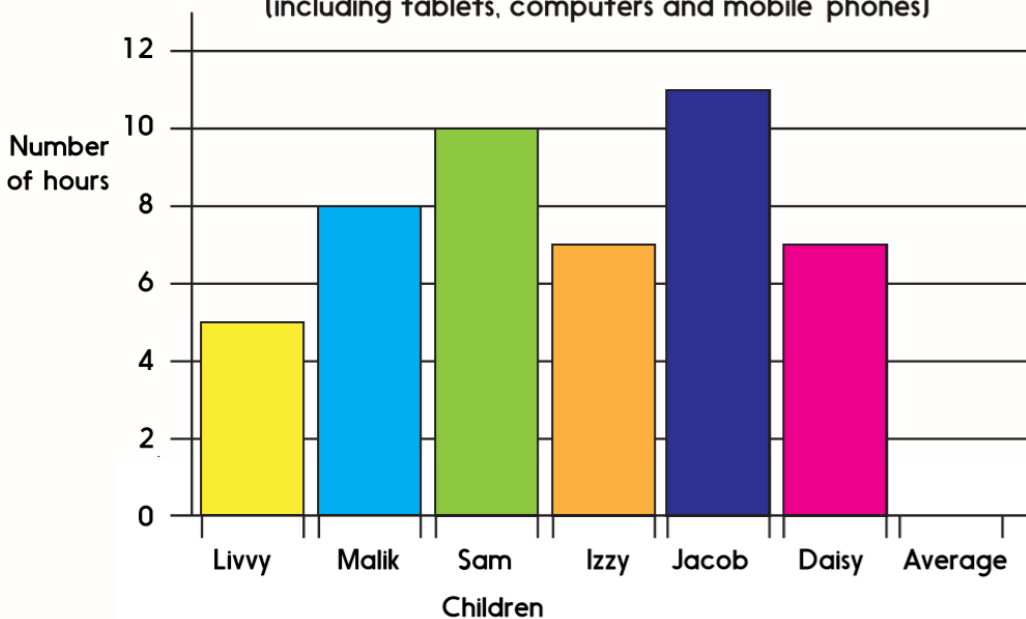
1. Find the average (mean) number of lengths completed by the six friends, accurate to one decimal place.

Number of words correctly spelt in the sponsored spell.

Livvy	Malik	Sam	Izzy	Jacob	Daisy
15	19	18	12	14	17

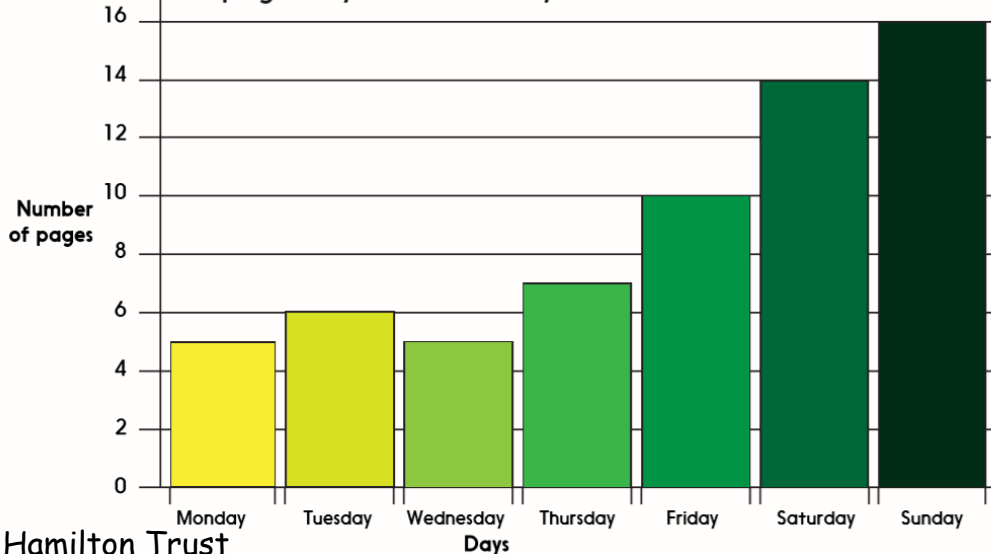
2. Children were given 20 words to learn for the sponsored spell.
Work out the average number of words the friends spelt correctly, accurate to one decimal place.

Hours spent per week on electronic devices (including tablets, computers and mobile 'phones)



3. Draw a bar to show the average time spent by these children per week on electronic devices.

Number of pages Izzy read each day.



4. Predict, then calculate the average number of pages Izzy read each day.

Finding the mean

Challenge

Hot: Tackle this Challenge!

1. Write four numbers to make these five numbers have an average of 6.

7

2. Write ten numbers with a mean of 4.5.

A Bit Stuck - Calculating and interpreting the mean

This dice has numbers 1 to 6 on its faces.



If each number was rolled once, the average (mean) would be 3.5.

$$1 + 2 + 3 + 4 + 5 + 6 = 21 \qquad 21 \div 6 = 3.5$$

If we the change 6 to a 12, this would increase the average (mean):

$$1 + 2 + 3 + 4 + 5 + 12 = 27 \qquad 27 \div 6 = 4.5$$

Calculate the average if we instead we change the 1 to a 7.

$$7 + 2 + 3 + 4 + 5 + 6 = \square \qquad \square \div 6 = \underline{\hspace{2cm}}$$

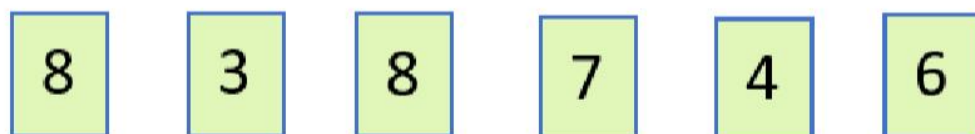
Now, find another way to increase the average to 4.5.

These six dice are rolled, with the results: 3, 2, 4, 5, 6, 4.

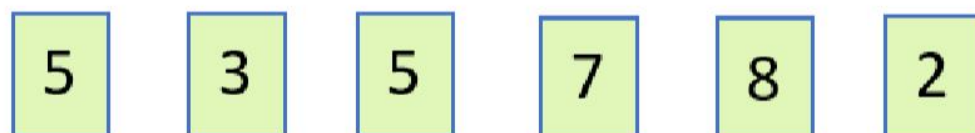
Calculate the average score.



The next six dice produce these scores:



And the last six dice produce these scores:



Find the
average score
in each case.

Maths Activity 5c -Check your understanding

The friends have these amounts of money in their purses.

Jo: £5.50 Tim: £12 Sam: £4.60

Jill: £6.40 Fred: £8 Ann: £5.50

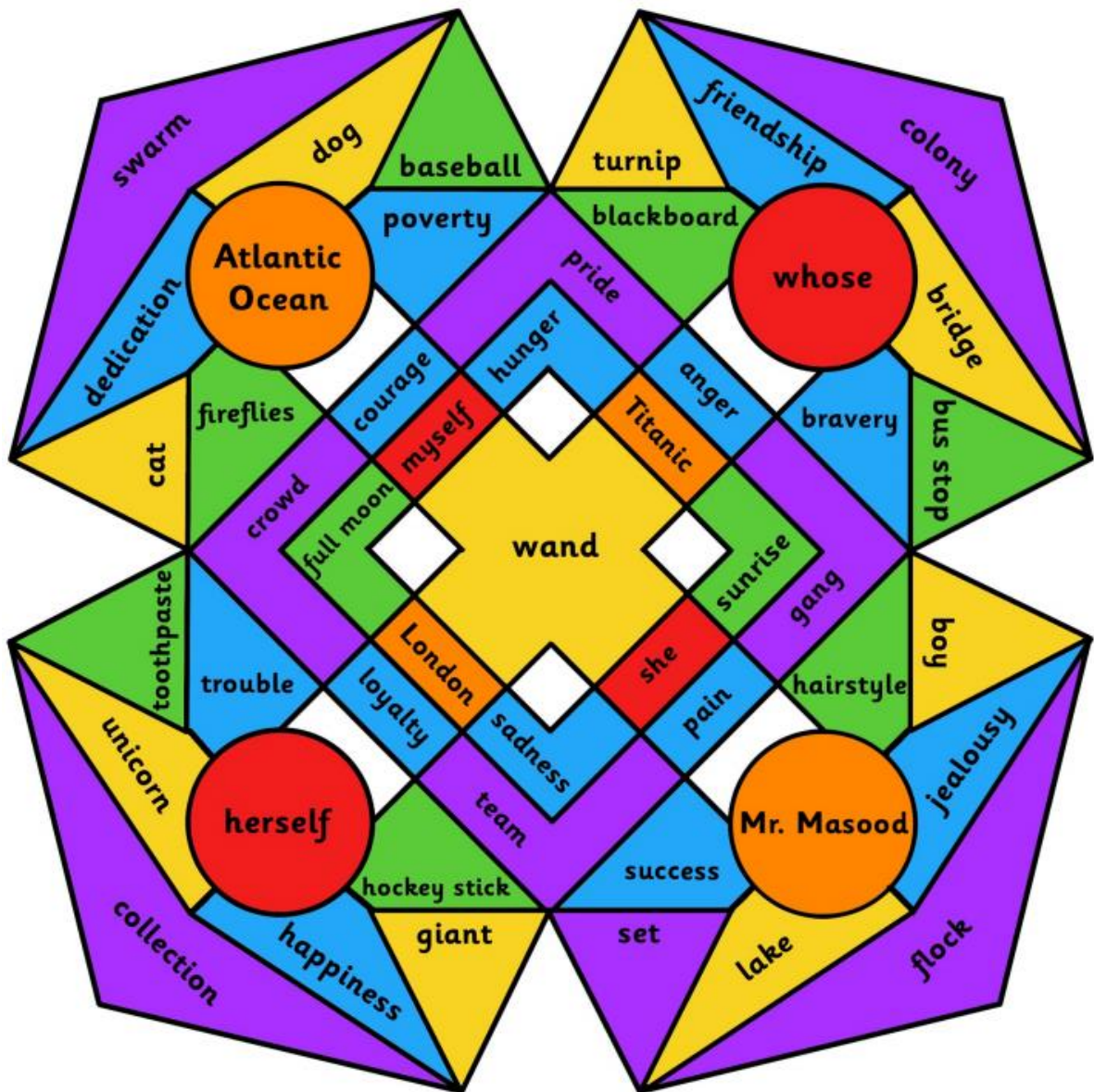
What is the average (mean) amount that they have?

Which children have less than this?

These are three children's spelling test scores. Calculate the average score for each child.

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Nadiya	7	8	9	8	9	10	8	9
Dean	9	10	9	10	7	10	9	8
Emma	6	7	8	7	8	9	6	7

ANSWERS English Activity 5a - Types of nouns



Concrete = yellow

Abstract = blue

Collective = purple

Compound = green

Pronouns = red

Proper = orange

ANSWERS English Activity 5b - Types of nouns

Most rhiswanozebtahs are found across South Africa, although some have been known to inhabit the deepest rainforests of Venezuela. Amazingly, rhiswanozebtahs like to burrow and therefore make their homes underground. They use their rhino tusk to gouge the sun-baked soil and tunnel deep down, to create soil cocoons to sleep in. Some have been known to sleep in trees, but only the largest branches can support their enormous weight.

concrete noun

abstract noun

compound noun

These are all
common nouns

proper noun

pronoun

countable nouns: rhiswanozebtah, South Africa, rainforest, Venezuela, home, tree, cocoon, branch, rhino tusk,

non-countable: soil, weight

ANSWERS Activity 5a - Ten in ten

1) $569\,231 - 72\,928 = 496\,303$

2) $1496 \div 11 = 136$

3) $4^3 + 10 = 74$

4) $1.67 - 0.4 = 1.27$

5) $40\% \text{ of } 6500 = 2600$

6) $1.86 \times 12 = 22.32$

7) $0.53 \times 100 = 53$

8) $\frac{2}{5} + 3\frac{2}{3} = 4\frac{1}{5}$

9) $40 \div (13 - 5) = 5$

10) $16\% \text{ of } 800 = 128$

Challenge

11) A rectangular garden has an area of 54m^2 . The length is 9m. What is the width? 6m

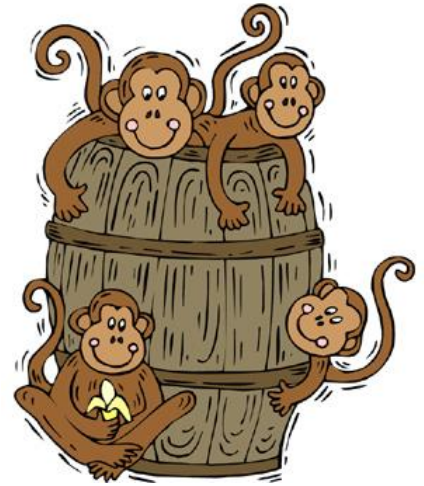
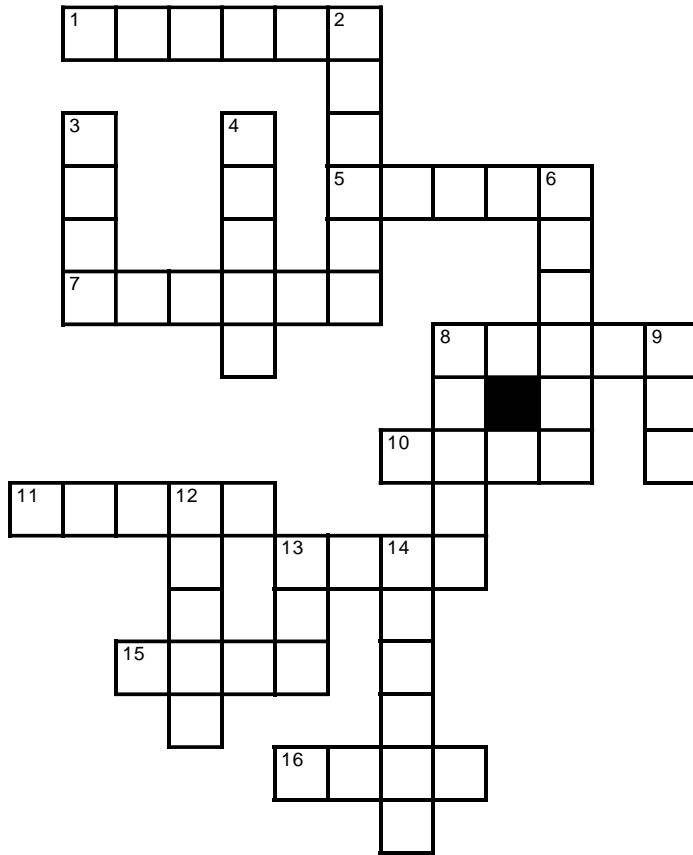
12) How many hours are there in a week? 168

13) If $n - 45 = 128$, then $n = 173$

14) Convert 5.16pm to a 24-hour format: 17:16

15) What is 0.25 as a simplified fraction? $\frac{1}{4}$

Collective Nouns of Animals



Across

- 1. A group of fish. **school**
- 5. A group of baboons. **troop**
- 7. A group of crows. **murder**
- 8. A group of insects. **swarm**
- 10. A group of feeding vultures. **wake**
- 11. A group of birds. **flock**
- 13. A group of wolves. **pack**
- 15. A group of cattle or bison. **herd**
- 16. A group of elk. **gang**

Down

- 2. A group of puppies or kittens. **litter**
- 3. A group of animals used by people for pulling. **team**
- 4. A group of lions. **pride**
- 6. A group of elephants. **parade**
- 8. A group of jellyfish. **smack**
- 9. A group of kangaroos. **mob**
- 12. A group of partridges. **covey**
- 13. A group of whales. **pod**
- 14. A group of bats or ants. **colony**

ANSWERS Maths Activity 5b ** and ***

Finding the mean

- 1. Average number of lengths swam = 12.5
- 2. Average number of words spelt correctly = 15.8
- 3. Average time spent on electronic devices = 8 hours
- 4. Average number of pages Izzy read each day = 9

Challenge

- 1. Any four numbers with a total of 23 so that the total will be 30, to give a mean score of 6 (30 ÷ 5).
- 2. Any 10 numbers with a total of 45.

ANSWERS Maths Activity 5c -Check your understanding

The friends have these amounts of money in their purses.

Jo: £5.50 Tim: £12 Sam: £4.60
Jill: £6.40 Fred: £8 Ann: £5.50

What is the average amount that they have? £7 The total £42 divided by 6.
Which children have less than this? Jo, Sam, Jill and Ann.

These are three children’s spelling test scores. Calculate the average score for each child.

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Nadiya	7	8	9	8	9	10	8	9
Dean	9	10	9	10	7	10	9	8
Emma	6	7	8	7	8	9	6	7

Nadiya = $8\frac{1}{2}$ or 8.5 Dean = 9 Emma = $7\frac{1}{4}$ or 7.25