

Home Learning Pack Year 5

Guidance and Answers





<u>Answers – Developing</u> <u>Roman Numerals</u>

Answers – Developing Roman Numerals

Varied Fluency

1a. a) XI, XIII

b) XXXV, XXXVII

c) LXI; LXIII

2a. XV, XIX, XXXI, L

3a. >, <, =

4a. MMI

Reasoning and Problem Solving

1a. LXXX, LIV, XCIX

2a. C = 100; CC = 200

3a. 3 possibilities: XLI (41); LXI (61); LIX (59)

Varied Fluency

1b. a) XLVI, XLVIII

b) LXVII, LXIX

c) XCIII, XCV

2b. XLVII, LXVII, XCI, C

3b. =, >, <

4b. DLXX

Reasoning and Problem Solving

1b. XIX, XCVIII, L

2b. C = 100; L = 50; CL = <u>150</u>

3b. 2 possibilities: XIV (14); XVI (16)

Answers – Expected Roman Numerals

Answers – Expected Roman Numerals

Varied Fluency

1a. a) CIV, CVI b) CCLIV, CCLVI c) DXXV, DXXVII

2a. CXCIX, CCCXC, DC, CMI

3a. >, =, < 4a. MLXVI

Reasoning and Problem Solving

1a. CDI, DLV, D

2a. M = 1,000; MMM = 3,000

3a. 3 possibilities: CXCI (191); CCIX (209);

CCXI (211)

Varied Fluency

1b. a) CCCL, CCCLII

b) CDVIII, CDX

c) DCXIV, DCXVI

2b. CXLII, CCLXXX, CCCXL, DCCXII

3b. <, <, <

4b. MCDLV

Reasoning and Problem Solving

1b. CCLXX, DCCCLXXV, DCVIII

2b. M = 1,000; L = 50; X = 10; MLX = 1,060

3b. 4 possibilities: CXIV (114); CXVI (116);

XCIV (94); XCVI (96)

<u>Answers – Greater Depth</u> <u>Roman Numerals</u>

Answers – Greater Depth Roman Numerals

Varied Fluency

1a. a) CCXXII, CCXXVI

b) CDXL, CDL

c) DCLX, DCLXXX

2a. CMXCI, DCCXC, DCXIV, DXCVIII

3a. <, <, <

4a. 1819

Reasoning and Problem Solving

1a. CDXVIII, DVI, DCCCLI

2a. M = 1,000; CD = 400; IX = 9;

MCDIX = 1,409

3a. 3 possibilities: CDXII (412); DCXII (612);

DXCII (592)

Varied Fluency

1b. a) CCC, CCCVI

b) CML, CMLXX

c) CDXIV, DCXIV

2b. CMXC, DCXXV, DCV, DLXIII

3b. >, <, =

4b. 1564

Reasoning and Problem Solving

1b. CDLII, DCCXLII, CDXCII

2b. M = 1,000; D = 500; C = 100; II = 2;

MMDCII = 2,602

3b. 4 possibilities: CCXIV (214);

CCXVI (216); CXCIV (194); CXCVI (196)

<u>Answers – Developing</u> <u>Multi-Step Problems</u>

Answers - Developing Multi-Step Problems

Varied Fluency

1a. 167 and 342

2a. 139

3a. 331

4g. 152 + 61 - 124 or 152 - 124 + 61

Reasoning and Problem Solving

1a, 954m tall

2a. If A has 141 marbles and C has 293 marbles, then B must have 66 marbles (500 – 141 – 293).

3a. Various answers, for example: Lucie needs 414g of flour for her recipe. She has 225g in her bowl and then pours in another 334g. How much will she need to remove from the bowl to make her total? The missing number is 145g.

Varied Fluency

1b. 240 and 141

2b. 509

3b. 571

4b. 305 - 224 + 141 or 305 + 141 - 224

Reasoning and Problem Solving

1b. 935 books

2b. If A has 423 stamps and B has 198 stamps, C must have 102 stamps (723 – 423 – 198).

3b. Various answers, for example: Omar needs 317cm of string. He starts with 512cm but cuts too much, and has to add another piece which is 123cm long. How much did he cut? The missing number is 318cm.

Answers - Expected Multi-Step Problems

Answers – Expected Multi-Step Problems

Varied Fluency

1a, 2,089 and 1,272

2a. 4,932

3a. 1,496

4a. 5.645 - 3.566 + 4.105 or 5.645 + 4.105 -

3,566

Reasoning and Problem Solving

1a. Yes. £4,522 + £1,897 (£4,522 - £2,625) + £3,437 (£1.897 + £1,540) = £9,856

2a. If A has 4,906 stickers and C has 3,698 stickers. B must have 688 stickers (9,292 - 4,906 - 3,698 = 688).

3a. Ryan is measuring ingredients to make lemonade. He needs 6.399ml of water. He starts with 7.866ml so needs to remove some, but he takes too much. How much does he need to add to make his total? The missing number is 2,905ml.

Varied Fluency

1b. 2.135 and 1.440

2b. 4,490

3b. 5,251

4b. 6.234 - 3,055 - 304

Reasoning and Problem Solving

1b. 9,800 tins of pet food

2b. If A has 1,197 counters and B has 1,783 counters, then C must have 1.518 counters (4.498 - 1.197 - 1.783).

3b. Miles has £6,688 in his bank account. If he earns £2.501 in one month, how much does he spend if his final balance is £7,626 at the end of the month? The missing number is £1.563.

<u>Answers – Greater Depth</u> <u>Multi-Step Problems</u>

Answers – Greater Depth Multi-Step Problems

Varied Fluency

1a. £2,753 and £1,978

2a. 1,775

3a. 7,151

4a. - 2,359ml; + 3,758ml; - 3,956ml

Reasoning and Problem Solving

1a. No. 2,264 (Jan) + 1,132 (Feb) + 3,630 (Mar) = 7,026

2a. A = 2,242; B = 5,501; C = 1,121 — there are 1,121 more in box A.

3a. Khadija knows that there are 8,672 items of stationery in the school cupboard. Using the table below, work out how many pencils there must be. The missing number is 3,899.

Varied Fluency

1b. £3,889 and £245

2b. 4,941

3b. 2,880

4b. + 5,988g; + 2,977g; - 8,697g

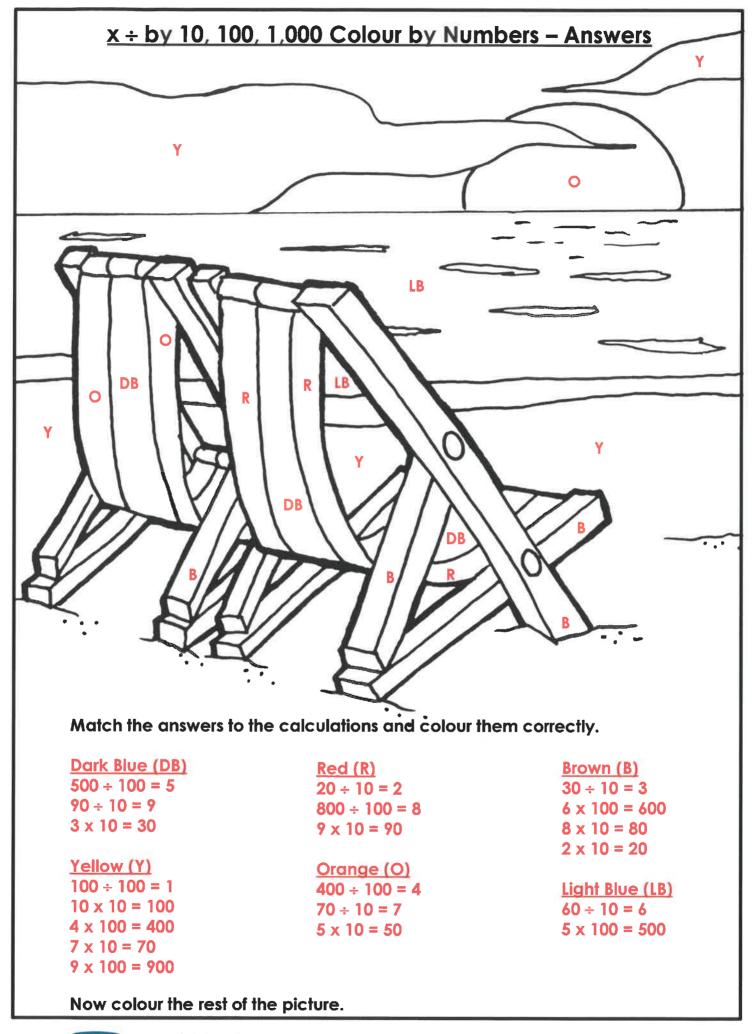
Reasoning and Problem Solving

1b. 2016 = 2,267; 2017 = 5,063;

2018 = 2,085 - the total is 9,415 bookings.

2b. A = 4,606; B = 2,303; C = 2,658 – there are 355 more in Box C.

3b. Yellow Class are analysing the results of a traffic survey. If they saw 500 more cars at 11:00, how many cars did they see in total? The total would be 9,549.



Multiplying and Dividing Word Problems - Answers

- 1. a) 8 times a number is 200. What is 80 times the number? 2000
 - b) 6 times a number is 8.4. What is 60 times the number? 84
 - c) 70 times a number is 56. What is 7 times the number? 5.6 Explain your answers to all parts.
- 2. Lizzie and Jane share 2690 beads equally between them. They create jewellery items to sell at the school fayre. Jane needs 7 beads per item and Lizzie needs 8 beads per item. Who, if anyone, will have the most number of beads left over? Both Jane and Lizzie will have 1 bead left over.
- 3. Daniel gets €592.50 when he exchanges £500. He decides to exchange another £300. How much is this in Euros? €355.50

4. It takes 12 weeks for a sunflower to grow 15cm. How many minutes is this? 120,960 minutes

5. 14 x x = 1694

The same number is missing from each box. What is the missing number? 11

Add and Subtract Fractions

1. With a partner, play the game below.

Cut the spinners out and take it in turns to spin!

Each spinner will give you a fraction.

Add the two fractions together.

A point is received for each correct answer.

A point is received for each correct answer.

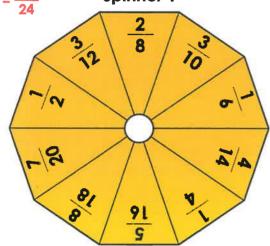
The person with the highest number of points after 10 spins is the winner.

Were some pairs easier to add together? Why?

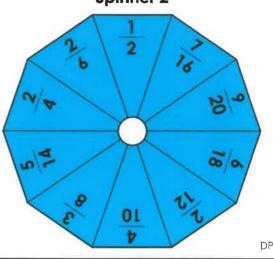
Various answers, for example: some fractions have the same denominator.

$$\frac{3}{12} + \frac{3}{8} = \frac{15}{24}$$





Spinner 2



2. Play the game with a partner. You need a different coloured pencil each. Choose two fractions to subtract. If the answer is less than one half, shade both boxes. The first person to travel from one side of the board (in any direction) to the other is the winner. You cannot choose fractions with the same denominator.

Various answers, for example, one player might make the following moves:

9 12	<u>5</u> 16	3_5	4 6	2 3
<u>8</u> 10	7 9	<u>11</u> 8	3 4	<u>15</u> 12
5 6	<u>4</u> 5	<u>15</u>	<u>5</u> 8	9 10
14 8	<u>20</u> 16	1 4	2 6	1 <u>4</u> 12
7 4	12 9	17 10	<u>5</u> 3	8 5

$$\frac{4}{6} - \frac{3}{4} = \frac{1}{12}$$

$$\frac{5}{8} - \frac{2}{6} = \frac{7}{24}$$

$$\frac{7}{9} - \frac{5}{6} = \frac{1}{18}$$

$$\frac{5}{3} - \frac{8}{5} = \frac{1}{15}$$

DP

<u>Answers – Developing</u> Fronted Adverbials

<u>Answers – Developing</u> <u>Fronted Adverbials</u>

Varied Fluency

1a. B

2a. Eventually, we all made it to Harriet's birthday party.

3a. True. From the corner shop is an adverbial of place. The sentence could read: From the corner shop, I bought an expensive chocolate bar.

4a. *This morning,* I parked my car under the bridge

Application and Reasoning

1a. Excitedly, Niamh ran home to see her birthday cake.

2a. Libby's adverbial 'outside' fits best.

3a. Jenny is correct because this sentence flows well. *In the morning,* the postman will deliver our letters.

Varied Fluency

1b. A

2b. Sadly, Emma lost her dog at the beach.

3b. False because *in the top cupboard* is an adverbial of place. The sentence could read: In the top cupboard, you will find many tasty snacks.

4b. At midnight, the ladies were still dancing in high heels.

Application and Reasoning

1b. Happily, the team captain jumped up when they scored a goal.

2b. Finn's adverbial 'this morning' fits best.

3b. Riley is incorrect because this sentence does not flow well. Into his mum's car, Shaun finds it hard to get.

<u>Answers – Expected</u> Fronted Adverbials

<u>Answers – Expected</u> <u>Fronted Adverbials</u>

Varied Fluency

1a. B

2a. On a Monday evening, my children both have dancing lessons with different teachers.

3a. True. Frequently, the mouse was seen running around in the kitchen, avoiding the cat.

4a. Somewhere near here, the driver pulled over and frantically ran out of the car towards the river.

Application and Reasoning

1a. In the distance, the children in Miss Treacle's class could barely see the luxurious cruise ship.

2a. Beth's adverbial would fit best. As soon as they were told, the children returned to their seats without a sound.

3a. Linda is incorrect because the sentence would be disjointed and wouldn't make sense. Went to the local park, every Friday afternoon, Charlie to play rounders with his friends until late.

Varied Fluency

1b, C

2b. Before long, the lost dog returned unharmed to his relieved owner.

3b. True. Usually, my sister is in trouble when she sulks in her bedroom and ignores everyone.

4b. Earlier than planned, he left the party so he could rest before his important cricket match the following day.

Application and Reasoning

1b. Since 2010, Michael had been living in his grandmother's house with his labrador.

2b. Simon's adverbial would fit best. Below the sea, the deep sea divers discovered an old, ruined pirate ship.

3b. Kieran is correct because the sentence flows and still makes sense. With her cousin, Laurie runs to the ice cream van and buys them both a tasty treat.



<u>Answers – Greater Depth</u> <u>Fronted Adverbials</u>

Answers – Greater Depth Fronted Adverbials

Varied Fluency

1a. B

2a. To annoyingly make matters worse, after being delayed in the airport for three hours, Ben's suitcase couldn't be located.

3a. False because the sentence doesn't flow as smoothly if *rarely* is placed at the front of the sentence.

4a. Before a big race, it's really important to eat more carbohydrates than usual as the muscles in your body will store more energy allowing for plenty of exercise.

Application and Reasoning

1a. During the summer holidays, once or twice, the teenagers had been camping with their friends.

2a. In large groups, dolphins are known to occasionally follow ships far out at sea.

3a. William is incorrect because 'to the local homeless shelter' is not a complete fronted adverbial on its own.

Varied Fluency

1b. A

2b. A few hours later that day, despite Olive's repeated presses of the doorbell, nobody answered and she began to worry.

3b. False because the sentence doesn't flow as smoothly if *normally* is placed at the front of the sentence.

4b. For a long time, Melanie had wanted a promotion in the company although it was unlikely to happen now as her manager wasn't very fond of her.

Application and Reasoning

1b. At the weekend, with huge grins on their faces, they went to the waterpark because of the steep slides inside.

2b. In a strange turn of events, without any warning, the egg started to move and cracked open.

3b. Carrie is incorrect because 'the next door neighbours' is not a complete fronted adverbial on its own.

<u>Answers – Developing</u> Recognising Parenthesis

Answers – Developing Recognising Parenthesis

Varied Fluency

1a. A uses a pair of commas. B uses a pair of dashes.

2a. The children — who were going to the zoo on a school trip — had to be in school for half past eight.

3a. The trim-trail, which had been recently installed in our playground, was enjoyed by all the children.

4a. A is false (brackets have been used).
B is true.

Application and Reasoning

1a. A

2a. Cian has correctly used a pair of commas for parenthesis. Hafsa has missed a comma before 'which'.

3a. B does not use punctuation for parenthesis, it uses a comma in a list.

Varied Fluency

1b. A uses a pair of brackets. B uses a pair of commas.

2b. The spotty dog o which lives at the end of our street o chases after the postman.

3b. The alien <u>— which was green with</u> yellow eyes — had three heads.

4b. A is true. B is false (there is no parenthesis).

Application and Reasoning

1b. B

2b. Sean has correctly used a pair of dashes for parenthesis. Chuan has only used one dash instead of a pair. There should be another dash after 'day'.

3a. A does not use punctuation for parenthesis, it uses a comma in a list.

<u>Answers – Expected</u> <u>Recognising Parenthesis</u>

Answers – Expected Recognising Parenthesis

Varied Fluency

1a. A uses a pair of brackets. B uses a pair of dashes.

2a. The old, decrepit castle () which sat on top of the hill () had been abandoned for hundreds of years and nobody dared to enter it.

3a. The vegetable patch — which sat in the allotment — was looked after by my grandad and I used to help him with it during the summer holidays.

4a. A is false (there is no parenthesis). B is

Application and Reasoning

1a, C

2a. Sean has correctly used a pair of commas to show parenthesis. Hannah has used a comma to separate clauses in her sentence.

3a. A does not use punctuation for parenthesis, it uses a comma to separate a clause.

Varied Fluency

1b. A uses a pair of brackets. B uses a pair of commas.

2b. The old, brown box () which had been sat in the corner of the attic for many years () was covered with dust and cobwebs but the key was surprisingly clean.

3b. The elegant ballerina <u>— who was about to star in her own stage show —</u> had been training for many years and now her dream had come true.

4b. A is true. B is false (there is no parenthesis).

Application and Reasoning

1b. A and C

2b. Gabriel has correctly used a comma to show parenthesis. Steph has used a comma to separate clauses in her sentence.

3b. B does not use punctuation for parenthesis, it uses a comma to separate a clause.



Answers – Greater Depth

Recognising Parenthesis

Varied Fluency

1a. A uses a pair of brackets. B uses a pair

2a. As morning came, the damage from the storm () which had been causing havoc throughout the night () could be seen clearly across the village and some people were unable to open their doors.

3a. As the misty, grey fog cleared from the sky, the spectacular views of the city could now be seen, which made the climb worthwhile.

4a. A is true. B is false (there is no parenthesis).

Application and Reasoning

1a. A and B

2a. Alice has correctly used commas for parenthesis. Johnny has used commas for a list and fronted adverbial.

3a. B does not use punctuation for parenthesis, it uses a comma in a list.

Answers – Greater Depth Recognising Parenthesis

Varied Fluency

1b. A uses a pair of dashes. B uses a pair of brackets.

2b. As the fog finally cleared, the aeroplane which had been grounded for over three hours igophi was given the signal to prepare for take off and the passengers sighed with relief.

3b. As we sat around the campfire with the family, my brother <u>– who is a great</u> musician – started to play a soft tune on his guitar and we all began to sing along.

4b. A is true. B is false (there is no parenthesis).

Application and Reasoning

1b. B and C

2b. Ben has correctly used a dash to show parenthesis. Jake has used a comma after a subordinate clause.

3b. B does not use punctuation for parenthesis, it uses a comma after a fronted adverbial.



<u>Summer Sunset – Vocabulary – Answers</u>

Write the definitions for each of these words.

Mediterranean	the sea that divides southern Europe and northern Africa
coastal	land that is adjacent to a stretch of ocean or sea
dusk	the period of day at the end of twilight and just before total darkness
environment	the surroundings or conditions in which a person, animal or plant lives
twilight	the diffused light from the sky during the early evening or morning
antiquated	old or old-fashioned
temperate	conditions that are neither too hot nor too cold
sparsity	a small amount of, lack of something
climate	the local environment, weather conditions of a particular area
luminescence	lit up from natural or artificial light, glowing in that light
inhabitants	a person or animal that lives in or occupies a place
traditional	long-established, customary, existing or part of a tradition

Sorting Advertisement Vocabulary – Answers

Write the vocabulary in the correct column in the table.

20% off! Whilst stocks last.

Bang! The firework exploded...

Cut along the dotted line.

For a limited time only!

This roaring, red, racing car is the must have toy of the year.

Cool trainers, designed for cool kids!

Many thanks for your reply...

The Moon orbits the Earth.

Do you want bright, white teeth?

I am writing to request...

Snow closes local schools!

"What do you want for tea?" asked Mum.

The tangy, orange flavour will tickle your taste buds.

Smart people choose smart prices!

I should use these in an advertisement	I should NOT use these in an advertisement	
20% off! Whilst stocks last.	Bang! The firework exploded	
For a limited time only!	Cut along the dotted line.	
This roaring, red, racing car is the must have toy of the year.	Many thanks for your reply	
Cool trainers, designed for cool kids!	The Moon orbits the Earth.	
Do you want bright, white teeth?	I am writing to request	
The tangy, orange flavour will tickle your taste buds.	Snow closes local school!	
Smart people choose smart prices!	"What do you want for tea?" asked Mum.	

Dinosaurs - Comprehension - Answers

Section A

Which is not a period of the Mesozoic Era?

	-Jurassic		Cretaceous		Triassic		Prehistoric	✓
Wh	nich is conside	red to b	e one of the e	arliest kr	nown dinosaur	s?		
	Stegosaurus		Coelophysis	✓	Allosaurus		Ankylosaurus	
Wh	Which dinosaur appeared in the Jurassic period?							
	Triceratops		Allosaurus	✓	Plateosaurus		T-Rex	
Ac	According to their diets, which dinosaur does not belong in this group?							
	Ankylosaurus	✓	Velociraptor		Allosaurus		Coelophysis	
Which of these dinosaurs had the biggest skull?								
	Coelophysis		Stegosaurus		T-Rex	\checkmark	Velociraptor	
Νυ	Number the dinosaurs in the order they appeared in history.							
	Stegosgurus	3	Coelonhysis	1	Plateosaurus	2	T. Pay	4

Section B

Use the information in the text to decide whether these statements are true or false.

	True	False
The Tyrannosaurus rex and the Brachiosaurus roamed the Earth at the same time.		/
An apex predator, like the Tyrannosaurus rex, is a predator at the top of its food chain.	✓	
The Jurassic period of the Mesozoic Era was more than 250 million years ago.		✓
By the end of the Triassic period, rainfall increased and the oceans rose.		✓
The Triceratops is renowned for its trademark frill and three facial horns.	√	
Experts believe a giant asteroid caused the extinction of the dinosaurs.	√	

Section C

Choose one dinosaur from each period to complete this fact chart. Various answers, for example:

Name	Period	Length	Weight	Diet	Notable feature
Coelophysis	Triassic	3m	15 – 20kg	Carnivore	Fast and agile
Aliosaurus	Jurassic	9m	2300kg	Carnivore	Dozens of serrated teeth
Ankylosaurus	Cretaceous	1.7m	6000kg	Herbivore	Covered in armour; club on tail

Section D

Use a dictionary to find the meaning of the following words from the text.

apex predator	a predator at the top of a food chain
bipedal	uses two legs for walking
conifer	a tree that bears cones and has evergreen needle-like leaves
excavate	to make a hole by digging
foliage	plant matter; vegetation
forelimbs	the front limbs of an animal
palaeontology	the branch of science concerned with fossilised animals and plants
serrated	having a jagged, saw-like edge

- 1. What percentage of the air we breathe is not Oxygen? 79%
- 2. What is the difference between the highest and lowest points on Earth? 19.7km (10.9 + 8.8)
- 3. How long does it take the Earth to spin once on its axis? 24 hours/1 day
- 4. Will the Earth always spin at this speed? If not, how will it change? No - it is slowing down
- 5. How many planets are between us and the Sun and can you name them? 2 (Mercury and Venus)
- 6. Why do we experience summer around one side of the Sun? The Earth is tilted towards The Sun
- 7. In the Fact File section the author has written 'approx.', what is the reason for the full stop in this word?

To abbreviate the word - full word: approximately Discuss: why do this? Can you think of other examples?

8. In the 'I'm Spinning Around' section, the author writes: You wouldn't notice but the Earth's spin is actually slowing down by 17 milliseconds per hundred years'

Why does the author say we wouldn't notice?

Discuss: Because the decrease is happening so gradually/slowly

- 9. Why do we need to add an extra day to our year every 4 years? Due to the fact we have an extra $\frac{1}{4}$ day every year we orbit The Sun
- 10. Which fact or piece of information has amazed you the most and why? Open ended to discuss.





- 1. Who was the second man to walk on the Moon? How do you think he felt? Buzz Aldrin (Discuss: how he felt, jealous that he wasn't the first? Or excited as he was still the second person ever to walk on the Moon?)
- 2. How does the moon look like it lights up when it doesn't? It reflects the Sun's light/rays.
- 3. Explain how a satellite and an object work together?

 The satellite orbits a larger object
- 4. How much colder is the Moon at night than in the daytime? 260°C (107 + 153)
- 5. Why does the Moon have different phases during its cycle?

 The angle between the Earth, Moon and Sun changes so the part of the Moon that is lit up can not always be seen from Earth.
- 6. People refer to the 'dark side of the Moon'. What do you think this means?
 We always see the same side of the Moon (this is lit up) so there is always the same side of the Moon that gets no light around the back that we don't see. This is the dark side of the Moon. (Interesting fact: also the name of the seminal album by Pink Floyd).
- 7. Why do you think someone might have selenophobia?

 Answers may vary including: Someone might have selenophobia because they see the moon at night and they might be afraid of the dark.
- 8. How far did Neil Armstrong travel to get to the Moon and back?
 477 714 miles (238 857×2)
- 9. Work out how long it would take a car travelling at 70mph to get to the Moon.

a. In whole hours

3412 hours (238857 ÷ 70)

b. In whole days

142 days (3412 ÷ 24)

10. Read the following sentence:

"The Moon cannot make its own light as it is not a star, like the Sun" Why has "like the Sun" been added to the end of this sentence?

"Like the Sun" has been added to the end of the sentence to explain to the reader that the Sun is a star.

11. Read the following sentence:

"Only 12 people have ever walked on the Moon!"
Why has an exclamation mark been used in this sentence?

An exclamation mark has been used in this sentence to show that this is an impressive fact.





1. What gases is the Sun mainly made from?

Hydrogen and helium

2. How long does it take energy to reach Earth from the Sun?

8 minutes

3. In the final paragraph the author uses the word 'unimaginable'. Why have they used this

Discuss: because it is such a long time (much longer than our lifetimes or even back as far as Henry the VIII or our family trees). It is such a long time ago that we have nothing to compare it with and cannot imagine it.

4. What type of star is the Sun now?

A yellow dwarf

5. List the different layers of the Sun from the centre to the outside.

Core, radiative zone, convection zone, the photosphere, chromosphere, corona

6. What keeps our solar system of planets orbiting the Sun?

The Sun's gravity

7. Solar means 'relating to the Sun'. Think of another example where we use the word 'solar'.

Any including: solar panels, solar energy, solar power, solar eclipse, solarium, solar cell, solar year

8. Will the Sun last forever? If not, why not?

No. It will use all its energy eventually.

9. In the final paragraph it says that Earth will become 'a bit like a greenhouse'. A greenhouse is warm and moist inside because of the glass that lets heat and light in and keeps it in. Our Earth is not surrounded by glass, so what will let the heat and light in and keep it in?

The atmosphere

10. Look at the final line - where do you think humans will be by then?

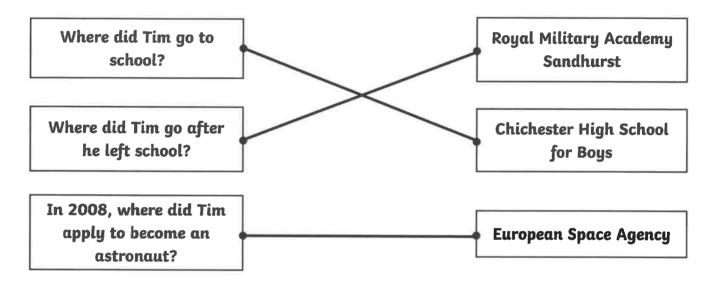
Open ended for discussion.

There's every possibility we may be in other solar systems or galaxies by then.





- 1. 'Tim... enjoyed a stable upbringing...' What does the word stable mean? Tick one.
 - O something which is unexpected
 - O something unpleasant
 - o something which is safe and steady
 - O something noisy
- 2. Match each question to the correct answer.



- 3. Name two things that Tim has done as a job. Accept any two of the following: Tim has been a pilot for the British army; Tim has been an instructor; Tim has flown Apache helicopters in Texas with the US Army; Tim has been a British astronaut for ESA.
- 4. Fill in the missing words from this sentence: 'Tim spent six months living and working in space, during which time he completed the first spacewalk by a British astronaut.'
- 5. Find and copy a word which tells you that Tim had always loved flying. Accept any of the following: fascination, passion.
- 6. How do you think Tim felt when the docking procedure didn't go to plan? Pupils' own responses, such as: I think Tim would have felt nervous as it was a scary situation but he had trained for years so would probably feel confident in his ability.





- 7. What do you think attracted Tim to the online advert to train to become an astronaut?

 Accept any suitable response, such as: I think the prospect of having the ultimate flying experience attracted Tim to becoming an astronaut, especially as he was passionate about flying and aircraft.
- 8. How has Tim contributed to scientific knowledge?

 Accept any suitable answer, such as: Tim has contributed to scientific knowledge
 by continuing exploration into space to gain knowledge of the universe. He has also
 worked with children on various science projects which is sharing scientific knowledge
 with the next generation.





1. When was Neil Armstrong born? Tick one.

O July 1969

	August 1930September 1962September 1946
2.	What happened to him when he was six years old? Tick one.
	 His parents took him to Cleveland Air Race. He took flying lessons. He became a hero. He flew for the first time with his father.
3.	What did Neil Armstrong love to do in his spare time? He loved to make model aircraft.
4.	What does the author mean when they describe Neil Armstrong as a 'worldwide name'? It means his name was known all over the world because he had achieved something so amazing: he was the first person on the Moon!
5.	How could Armstrong afford to take flying lessons? He could afford to take flying lessons because he worked and earned money at a local chemist.
6.	Explain why the crew did not come straight back home after landing on the Moon. Pupils' own responses explaining what they did on the Moon and why: The astronauts planted a flag of the United States and spent time collecting moon rocks so they could be studied back on Earth.
7.	Why do you think people wanted the astronauts to tour the country after arriving home? Pupils' own responses that show an understanding of how popular the astronauts were as heroes having walked on the Moon.
8.	How would you describe Neil Armstrong? Use evidence from the text to support your answer.

Pupils' own responses that refer to information in the text. For example, I think that he was hardworking because he worked in a local chemist to raise money to pay for flying lessons. This shows that he was willing to work hard to achieve his dream. He was calm under pressure and able to fly in very dangerous situations and this would be useful on



a mission to the Moon.

