YEAR 6 HOMEWORK

ANSWERS – PACK 8

Whilst school is closed, we have planned and designed a variety of tasks for the Year 6 children to complete. The tasks are designed to be follow the learning that would have been happening in school, as closely as possible. In addition, we also expect all pupils to read daily, as well as use TT Rockstars and Spelling Shed to practise their times tables facts and spellings.

Please see answers to each task set for MATHEMATICS on the following pages.

If feedback or assistance is needed on specific tasks, please don't hesitate to contact the Year 6 team via Mrs Fogarty-Slack
sfogarty-slack@hvp.org.uk

PHASE 4

YEAR 6 HOMEWORK - ARITHMETIC

Fluent in Five

Sets of five arithmetic questions – aim to answer each set in under five minutes!

Set A

A. 340 + 290 = 630 *(M)*

B. 194,849 + 3,843,483 = 4,038,332 *(W)*

C. 1,131 ÷ 29 = 39 *(W)*

D. 660 ÷ 220 = 3 *(M)*

E. $\frac{4}{5} - \frac{1}{5} = \frac{3}{5}$ *(M)*

Set B

A. 983,483 − 894,674 = 88,809 *(W)*

B. 890 + 130 = 1,020 *(M)*

C. 80 x 70 = 5,600 *(W)*

D. $\frac{5}{6} - \frac{1}{3} = \frac{3}{6}$ or $\frac{1}{2}$ *(M)*

E. 596 x 3 = 1,788 *(W)*

PHASE 4

YEAR 6 HOMEWORK - ARITHMETIC

Fluent in Five

Sets of five arithmetic questions – aim to answer each set in under five minutes!

Set C

A. 450 + 3,400 = 3,850
(M)

B. 983,493 + 893,983 = 1,877,476 *(W)*

C. 900 x 300 = 270,000
(M)

D. 4,496 ÷ 8 = 562 *(W)*

E. $\frac{3}{4} - \frac{1}{8} = \frac{5}{8}$ *(M)*

Set D

A. 86.32 + 7.493 = 93.813
(W)

B. 810 ÷ 90 = 9 *(M)*

C. $\frac{2}{3} - \frac{1}{12} = \frac{7}{12}$ *(M)*

D. 2,296 ÷ 41 = 56 *(W)*

E. 980 + 130 = 1,110 *(M)*

PHASE 4

YEAR 6 HOMEWORK - ARITHMETIC

Fluent in Five

Sets of five arithmetic questions – aim to answer each set in under five minutes!

Set E

A. 5,600 – 1,420 = 4,180
(M)

B. 98.6 – 11.873 = 86.727
(W)

C. 7 x 527 = 3,689 *(W)*

D. $\frac{5}{7} - \frac{1}{14} = \frac{9}{14}$ *(M)*

E. 30 x 60 = 1,800 *(M)*

PHASE 4

Hampton Vale Primary Academy

Curiosity Confidence Courage Constancy

YEAR 6 HOMEWORK - REASONING

PHASE 4

YEAR 6 HOMEWORK - REASONING

1. Convert 6 days to hours	**2.** 1.5 days	**3.** 120 minutes	**4.** 18 weeks
5. Convert 126 days to weeks	**6.** 144 hours	**7.** Convert 900 minutes to hours	**8.** 480 minutes
9. Convert 540 minutes to hours	**10.** Convert 36 hours to days	**11.** Convert 8 hours to minutes	**12.** Convert 2 hours to minutes
13. Convert 10 minutes to seconds	**14.** 9 hours	**15.** 600 seconds	**16.** 15 hours

Matching pairs
1 and 6
2 and 10
3 and 12
4 and 5
7 and 16
8 and 11
9 and 14
13 and 15

PHASE 4

YEAR 6 HOMEWORK - REASONING

The Magic Square – possible answers (there's lots!)

- 3	2	1
4	0	- 4
- 1	- 2	3

- 1	- 2	3
4	0	- 4
- 3	2	1

1	- 4	3
2	0	- 2
- 3	4	- 1

or

3	- 4	1
- 2	0	2
- 1	4	- 3

YEAR 6 HOMEWORK - MATHS CHALLENGE

PHASE 4

YEAR 6 HOMEWORK

ANSWERS – PACK 8

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Please see answers to each task set for
WRITING
on the following pages.

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YEAR 6 HOMEWORK - Writing

Skill: Recognising and using prepositions

Tick all the sentences that contain a preposition.

1. We played football in the garden. ✓

2. Before lunch, Class 11 had PE. ✓

3. Frosty the Snowman had a carrot nose. ☐

4. I've been working at the restaurant for a month. ✓

Put a tick in each row to show whether after is being used as a preposition or a subordinating conjunction.

	Preposition	Subordinating Conjunction
After Brian left the band, he decided to go solo.		✓
Baby giraffes begin to walk shortly **after** birth.	✓	
I will start at a new school **after** the holidays.	✓	

PHASE 4

Hampton Vale Primary Academy

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YEAR 6 HOMEWORK

ANSWERS – PACK 8

Whilst school is closed, we have planned and designed a variety of tasks for the Year 6 children to complete. The tasks are designed to be follow the learning that would have been happening in school, as closely as possible. In addition, we also expect all pupils to read daily, as well as use TT Rockstars and Spelling Shed to practise their times tables facts and spellings.

Please see answers to each task set for READING/PLACE & TIME on the following pages.

If feedback or assistance is needed on specific tasks, please don't hesitate to contact the Year 6 team via Mrs Fogarty–Slack
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YEAR 6 HOMEWORK - Reading

'Ramadan' answers

1. Ramadan is: (tick one)

☐ The fourth month of the Islamic calendar.
☑ **The ninth month of the Islamic calendar.**
☐ The fifth pillar of Islam.
☐ The third pillar of Islam.

2. How do Muslims know when to fast during Ramadan?

Muslims fast for the length of time after sunrise and before sunset, during Ramadan.

3. Match up these sentences.

Muslims fast ———————————— is a holy book.

The Five Pillars of Islam ———————————— when it is Ramadan.

The Qu'ran ———————————— guide Muslims to live a good life.

4. Which word closely matches the meaning of 'obligations'. Tick one.

☐ Outcomes
☑ Duties
☐ Necessary
☐ Tasks

5. Write three things you are told about fasting.

Answers may vary, though should include: a sign of self-discipline and generosity. It is also a time to think of those who do not have enough to eat and often go hungry.

6. Write 'true' or 'false' beside the following statements.
   Rewrite any false statement to be true.

   Muslims believe that Ramadan is a time to do good. **True.**

   Muslims believe it is harder to do good during Ramadan. **False. Muslims believe it is easier to do good during Ramadan.**

   Muslims believe that they will gain no reward for doing good deeds during Ramadan. **False. Muslims believe that their good actions will bring greater reward during Ramadan.**

   Muslims believe that praying more will make them better Muslims. **True.**

7. Name one other practice that Muslims believe will help them be a better person, during Ramadan. **Muslims believe that reading the Qu'ran during Ramadan will help them be a better person.**

YEAR 6 HOMEWORK - Reading

'Sloth' answers

1. a) reputation – a widespread belief about something or someone
b) providing – giving
c) predominantly – mainly / chiefly
d) suspended – hanging

2) accept any correct contextual use of the words in sentences – e.g.
   - That restaurant has a bad reputation.
   - The cinema is providing free snacks with every ticket.
   - Our discussion was predominantly about the new competition.
   - The window cleaner was suspended from a machine on the roof.

3) accept any correct antonyms / synonyms for each of the words – e.g.
   - leisurely – relaxed / rushed
   - lethargic – weary / energetic
   - seldom – rarely / often
   - sufficient – enough / insufficient

4) Lazy / slow / sleepy / idle / less active than other animals

Alongside your own sentences explaining your ideas, any evidence used from the text relating to sloths' lack of activity can be accepted e.g.:

- *"Sleeping up to twenty hours a day…"*
- *"…taking life at a rather leisurely pace…"*
- *"They are so slow, a type of algae grows on their fur!"*
- *"These lethargic creatures…"*
- *"A reputation for being rather lazy…"*

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YEAR 6 HOMEWORK - Reading

'Treasure Island' answers

	True	False
By day, the silent man liked to clean his brass telescope.		✓
The fourpenny was given as a wage to look out for a one-legged seafaring man.	✓	
The seafaring man with one leg chased him over hedges.		✓
He sometimes had to wait a while to get paid but he always did in the end.	✓	

2. Name **two** examples which show the man was not sociable.

1. He would go off by himself during the day for walks by himself to the cove or cliffs.

2. He wouldn't speak to anyone when they spoke to him.

YEAR 6 HOMEWORK - Place & Time

Retrieval – Volcanoes

Statement	True or False?	Extra Information
The volcanic rock pumice is the only rock that can float in water.	**True**	Pumice is usually grey and full of bubbles which are caused by hot gases moving through lava as it cools.
The lighter the colour of the lava, the runnier it is.	**True**	Bright orange lava (approx. 1000 °C) is much hotter than red lava (approx. 650°C) and flows more freely.
Volcanoes are named after the Vulcan bomber plane.	**False**	Volcanoes are named after Vulcan – the Roman god of fire. The Vulcan bomber was also named after this Roman god.
80% of Volcanoes are found beneath the seabed.	**True**	Underwater eruptions occur regularly and can create new land masses.
Earth's moon has several active volcanoes.	**False**	There has been volcanic activity on Earth's moon in the past but there are currently no active volcanoes.
Researchers have found new species living right next to underwater volcanoes.	**True**	Shrimp, worms, crabs, limpets and even sharks have all been found living in close proximity to volcanoes.
Tightrope walker Charles Blondin once crossed a volcanic crater on a tightrope.	**False**	Tightrope walker Charles Blondin was known for many famous daring stunts, including crossing the Niagara Falls, but he did not cross the crater of a volcano.
The biggest volcano on the planet Earth is taller than Mount Everest.	**True**	Mauna Kea in Hawaii is 10,200 metres tall – making it taller than Mount Everest. However, most of it is underwater so it seems much smaller.
Volcanoes can make sunsets appear more beautiful.	**True**	For many years after the largest volcanic eruption in human history (Mount Tambora in 1815), volcanic ash had an impact on the clouds and sunsets which can be seen in paintings created during the period.
Lava moves too fast for you to be able to run away from it.	**False**	Even on a steep slope, lava does not flow any faster than 30kmph. This means that a human could comfortably outpace a lava over a short distance. On gentler slopes, lava would travel even more slowly.

PHASE 4

Hampton Vale
Primary Academy

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YEAR 6 HOMEWORK - Place & Time

Christopher Columbus

1. 1451 – 1506
2. Genoa, Italy
3. Cristoforo Colombo
4. His crew didn't like him, so abandoned him on the island of Jamaica (where he was unable to get any food!)
5. 12th October, 1492
6. Nina, the Pinta, San Maria
7. A country or area – which is under the full or partial control of another country – occupied by settlers from that country.
8. Pineapples, turkeys, native people of the Americas!

San Salvador island, is located at:
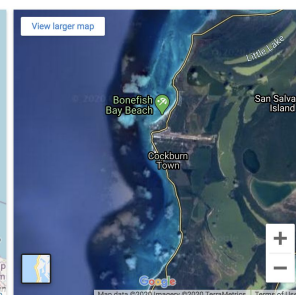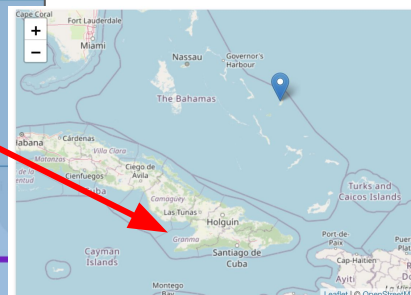
Lat Long	GPS Coordinates
(24.055320, -74.535090)	24° 3' 19.152'' N 74° 32' 6.324'' W

YEAR 6 HOMEWORK - Place & Time

Compass points & directions – answers

1) I am facing North and make a 90° turn clockwise, where am I facing now?
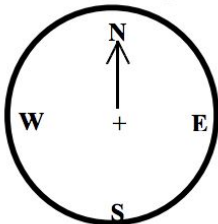
Answer **East**

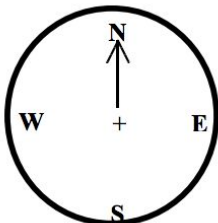2) I am facing North and turn clockwise to the East, how many far have I turned?
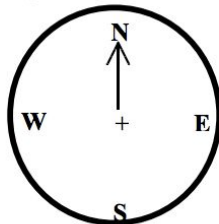
Answer **90 degrees**

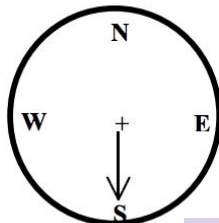3) I am facing North and turn a right angle clockwise, where am I facing now?
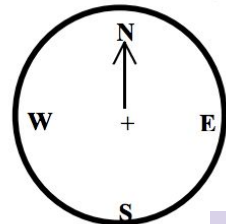
Answer **East**

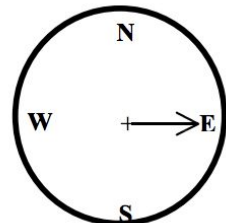4) I am facing North and I turn to face South, how far have I turned?

Answer **180 degrees**

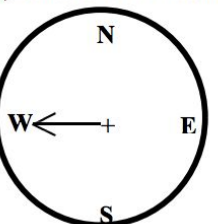5) I am facing South and I turn 90° clockwise, where am I facing now?

Answer **West**

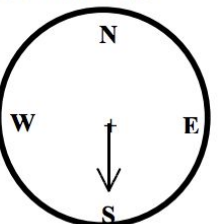6) I am facing East and I turn 180° clockwise, where am I facing now?

Answer **West**

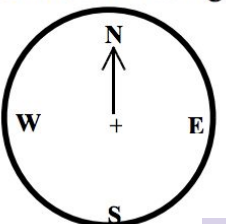7) I am facing West and I turn anticlockwise ¾ of a turn, where am I facing?

Answer **North**

8) I am facing South and I turn to the North, how far have I turned?

Answer **180 degrees**

9) I am facing North and I turn a full turn anticlockwise, where am I facing now?

Answer **North**