

# 6th Class **Answers** for May 11th-15th

## English answers

### Monday- Dictionary Work

1. **Epidemic**- a widespread occurrence of an infectious disease in a community at a particular time.  
*We are currently living through a global epidemic as the Covid-19 has spread.*
2. **Prodigy**- a young person with exceptional qualities or abilities.  
*Even though the boy was only 7 years old, he was a prodigy, completing college maths.*
3. **Scavenger hunt**-a game, typically played in an extensive outdoor area, in which participants have to collect a number of miscellaneous objects.  
*At last year's summer camp we had a scavenger hunt. We collected different items outside in the forest.*
4. **Elk**- a moose.  
*I saw two elk grazing in the field.*
5. Archery-shooting with a bow and arrows, especially at a target as a sport.  
*We played archery at camp last year. I scored a Bullseye.*
6. **Infuriate**-make (someone) extremely angry and impatient.  
*My teacher was infuriated when the class didn't have their homework done for the tenth time.*

### Tuesday- Grammar

#### A.

1. "You **shouldn't** eat too much sugar. **It'll** damage your teeth," said the dentist.
2. "**It's** such a beautiful day that **I'm** sure **they'll** enjoy the park," said Karl.
3. Patricia **would've** walked to the shop if **she'd** known it was so close.
4. "**It's** not very cold today, so I **mightn't** bring my coat," thought Cian.
5. Paulina **wouldn't** like to visit the beach, because she **doesn't** like sand.
6. I **can't** help you with your homework. **You'll** have to do it yourself.
7. "**What's** happened to the mice?" asked Maria. "**They've** disappeared," replied Luca.

#### B.

1. The girls' toys
2. The bird's worm
3. The dogs' puppies.
4. The women's children

5. The bus's wheels
6. The chairs' legs
7. The school's principal
8. The monkeys' tails.

## **Thursday- English Reading Comprehension.**

### **Which Tour?**

#### **A.**

1. You can do 6 activities if you visit Art Attack.
2. The National History Museum involves a historical scavenger hunt.
3. The visit to Art Attack would cost 9 euro per child.
4. Stepping Stones Adventure Centre provides free lunch, dinner and breakfast.
5. Any 5 of the following- Zip-lining, nature-walk, canoeing, water polo, rock climbing, team-building, spooky nighttime walk, archery, orienteering, paintballing.
6. Yes because I am over 11.

#### **B.**

1. Your own opinion
2. Your own opinion
3. Price, distance from the school, would the children enjoy the activities, safety, value for money, lunch provided.
4. Activities may cost extra if materials or resources are needed such as the t-shirts for the tie-dye activity or the paint balls for paintballing.
5. The colour and pictures of the leaflet may influence my decision. The layout of the leaflet- for example if it is quick and easy to read.
6. The persuasive language: teachers go free, free healthy snacks, special discount, fascinating insights, let your creativity flow, highly recommended etc.

#### **C.**

1. Fact
2. Opinion
3. Opinion
4. Fact
5. Opinion
6. Fact

## Maths Answers

### Monday

Warm up:

1. 1 litre    2. 5 millilitres    3. 40 litres    4. 10 litres

How many Millilitres    1.250 millilitres    2. 500 millilitres

3. 750 millilitres

1. 3576ml =    **3l 576ml = 3.576l**
2. 4209ml =    **4l 209ml = 4.209l**
3. 2112ml =    **2l 112ml = 2.112l**
4. 9085ml =    **9l 85ml = 9.085l**
5. 4664ml =    **4l 664ml = 4.664l**
6. 2450ml =    **2l 450ml = 2.450l**
7. 8109ml =    **8l 109ml = 8.109l**
8. 5332ml =    **5l 332ml = 5.332l**
9. 7908ml =    **7l 908ml = 7.908l**
10. 5554ml =    **5l 554ml = 5.554l**
11. 12, 987ml =    **12l 987ml = 12.987l**
12. 14,668ml =    **14l 668ml = 14.668l**
13. 11,332ml =    **11l 332ml = 11.332l**
14.  $4\frac{1}{2}$ ml    **4l 500ml = 4.500l**
15.  $5\frac{3}{4}$ ml    **5l 750ml = 5.750l**
16.  $2\frac{1}{4}$ ml    **2l 250ml = 2.250l**
17.  $8\frac{7}{10}$ ml    **8l 700ml = 8.700l**
18.  $9\frac{5}{8}$ ml    **9l 625ml = 9.625l**
19.  $3\frac{4}{100}$ ml    **3l 4ml = 3.004l**
20.  $1\frac{19}{100}$ ml    **1l 19ml = 1.019l**

## Tuesday

### Answers:

$5 \frac{3}{4}l - 2450ml =$	Answer = <b>3300ml</b>	Answer = <b>3.3l</b>
$7.7l - 2 \frac{1}{2}l =$	Answer = <b>5200ml</b>	Answer = <b>5.2l</b>
$3.4l - 2780ml =$	Answer = <b>620ml</b>	Answer = <b>0.62l</b>
$4900l - 2.34l =$	Answer = <b>2560ml</b>	Answer = <b>2.56l</b>
$10\ 870ml - 6.7l =$	Answer = <b>4170ml</b>	Answer = <b>4.17l</b>
$13.89l - 6 \frac{1}{4}l =$	Answer = <b>7640ml</b>	Answer = <b>7.64l</b>
$5.5l - 2.78l =$	Answer = <b>2720ml</b>	Answer = <b>2.72l</b>
$9 \frac{1}{2}l - 4610ml =$	Answer = <b>4890ml</b>	Answer = <b>4.389l</b>
$3.7l - 2990ml =$	Answer = <b>710ml</b>	Answer = <b>0.71l</b>
$7.89l - 6 \frac{3}{4}l =$	Answer = <b>1140ml</b>	Answer = <b>1.14l</b>

## Wednesday

1. 6344ml
2. 32l 479ml
3. 32l 760ml
4. 1.72l
5. 1.425l
6. 1300ml
7. (a) 10.625l (b) 27.450l (c) 3.900l (d) 15.2 l (e) 2.084l

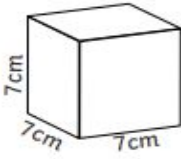
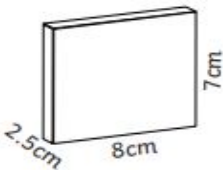
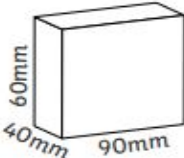
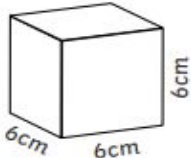
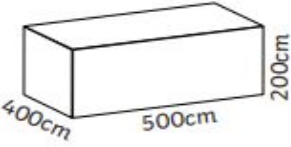
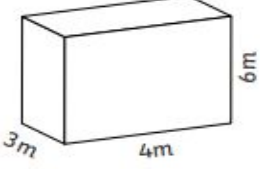
## Thursday

	<b>Length</b>	<b>Height</b>	<b>Depth</b>	<b>Answer (cm<sup>3</sup>)</b>
<b>Cuboid 1</b>	5cm	4cm	10cm	<b>200cm<sup>3</sup></b>
<b>Cuboid 2</b>	2cm	9cm	2cm	<b>36cm<sup>3</sup></b>
<b>Cuboid 3</b>	3cm	5cm	5cm	<b>75cm<sup>3</sup></b>
<b>Cuboid 4</b>	9cm	10cm	4cm	<b>360cm<sup>3</sup></b>
<b>Cuboid 5</b>	1cm	2cm	10cm	<b>20cm<sup>3</sup></b>
<b>Cuboid 6</b>	6cm	3cm	6cm	<b>108cm<sup>3</sup></b>
<b>Cuboid 7</b>	2cm	8cm	8cm	<b>128cm<sup>3</sup></b>

	<b>Length</b>	<b>Height</b>	<b>Depth</b>	<b>Answer (cm<sup>3</sup>)</b>
<b>Cuboid 1</b>	<b>4cm</b>	3cm	8cm	96cm <sup>3</sup>
<b>Cuboid 2</b>	<b>9cm</b>	2cm	4cm	72cm <sup>3</sup>
<b>Cuboid 3</b>	<b>6cm</b>	6cm	6cm	216cm <sup>3</sup>
<b>Cuboid 4</b>	<b>2cm</b>	9cm	7cm	126cm <sup>3</sup>
<b>Cuboid 5</b>	<b>5cm</b>	4cm	1cm	20cm <sup>3</sup>
<b>Cuboid 6</b>	<b>3cm</b>	7cm	2cm	42cm <sup>3</sup>
<b>Cuboid 7</b>	<b>8cm</b>	5cm	4cm	160cm <sup>3</sup>

## Friday

2. Use  $<$ ,  $>$  or  $=$  to compare these cubes and cuboids.

a)  $\text{Volume} = 343\text{cm}^3$	$>$	 $\text{Volume} = 140\text{cm}^3$
b)  $\text{Volume} = 216\text{cm}^3$ or $216\,000\text{mm}^3$	$=$	 $\text{Volume} = 216\text{cm}^3$ or $216\,000\text{mm}^3$
c)  $\text{Volume} = 40\,000\,000\text{cm}^3$ or $40\text{m}^3$	$<$	 $\text{Volume} = 72\,000\,000\text{cm}^3$ or $72\text{m}^3$

## Volume Word Problems **Answers**

1. James is packing a box. The box is 3 feet high, 4 feet long, and 2 feet wide. What is the volume of the box?  
**24 feet<sup>3</sup>**
2. Margaux bought a suitcase online. The suitcase is 2 feet tall, 3 feet wide, and 3 feet deep. What is the volume of her suitcase?  
**18 feet<sup>3</sup>**
3. Tilda received a jewelry box for her birthday. The box is 5 inches wide, 4 inches tall, and 6 inches long. What is the volume of the jewelry box?  
**120 inches<sup>3</sup>**

Ansel was playing with a dice. He measured one side of the dice. The side measured 2cm. What is the volume of the dice?

**8cm<sup>3</sup>**

Antoine had a box in his room that measured 42 cubic centimeters. If it was 3cm wide and 2cm long, what was the height of the box?

**7cm**

Pressley received a gift for her birthday. The present measured 36 cubic feet. If the gift was 4 feet wide and 1 foot high, what is the length of the gift?

**9 feet**

## Geography Answers:

1. Explain the word 'trade' Trade involves buying or selling or the exchange of goods or services
2. Explain what an unfair trade means. When someone does not receive fair payment for their product
3. Why was Fairtrade Ireland set up? It was set up to help farmers and factory workers in developing countries to receive fair payment
4. List the five key points under which Fairtrade Ireland operates. Fair Working Conditions, Fair Price, Financial Help, Premium, Fair Trading Partners
5. Why do you think Fairtrade Ireland is an important organisation for farmers in developing countries? It ensures that farmers in developing countries get paid properly for their produce and work
6. How can you tell if a product in the supermarket is Fairtrade? It will display the Fairtrade logo (black, green and blue)
7. In what area of the world do Cocoa trees usually grow? Close to the Equator
8. What type of climate/weather do Cocoa trees need in order to grow? Hot, humid climate. Shelter from strong wind and shade from the sun.
9. What percentage of cocoa is grown and harvested in West Africa? 70 Percent

## Science Answers

### B.

1. Everything is made from **matter**
2. Another word for 'material' is **substance**
3. Heat makes certain materials increase in size or **expand**
4. Water decreases in size or **contracts** as ice melts
5. Steam is also known as **water vapour**

### C.

1. **Solid, liquid and gas**
2. **They spread out and move quickly in all directions**
3. **Liquid, Water Vapour (steam) and Solid (ice)**

**Mr Rennick/ Ms O`Reilly/ Ms Hodson - Monday English**

### **Opposites**

1. Small, specific, relaxed
2. Allowed, high, old
3. Rude, unhelpful, gentleman
4. Permanent
5. Won, happy
6. Everybody, unsure, tame
7. Possible, easy, attainable
8. Praised, interior
9. Full,
10. Careless, inattentive, robust

**Mr Rennick/ Ms O`Reilly/ Ms Hodson Tuesday**

On that night the unsinkable Titanic hit a mighty monstrous iceberg that was floating through the cold North Atlantic. Ignoring several warnings about mountainous icebergs, the experienced captain ordered his hard working crew to sail at full speed which caused



several sections of the ship to come apart upon impact. At first, the confused passengers did not realise what a deadly situation they were in. But gradually, vast water began filling the decks of the ship which could not be ignored. Many passengers placed their lifejackets on and headed towards the ship's deck. Terrified faces looked around in shock whilst some frightened passengers began to get into the lifeboats.

## Wednesday

Mr Rennick/ Ms O'Reilly/ Ms Hodson

1. A) verb, noun B) verb, noun C) verb, noun
2. A) verb B) noun C) verb

## Monday Maths Ms O Reilly/Mr Rennick/Ms Hodson

### Capacity

1. You can name any 3 things in your kitchen eg carton of milk, juice or litre bottle of coke.
2. You can name any 3 liquids in your house. In my kitchen I have a yogurt drink of 100ml, a litre of milk and 1 litre of rinse aid for my dishwasher.

500 ml is a half a litre

250 ml is a quarter of a litre      4000ml in 4 litres

Fill in this table.      Remember 600ml = 0.6l or 0.600l, 502ml= 0.502l,  
91ml=0.091l, 4ml=0.004l, 8000ml=8l or 8 litres

ml	litres
400ml	0.4l or 0.400l
304ml	0.304l
689ml	0.698l
95ml	0.095l
48ml	0.048l
2ml	0.002l

7ml	0.007l
5000ml	5l
3000ml	3l

Tuesday Maths Ms O Reilly/Mr Rennick/Ms Hodson  
Capacity

- a)1300ml b)1700ml c)1900ml d)2100ml e)2400ml f)3600ml  
g)2900ml h)4500ml i)5200ml j) 6300ml k)8400ml
- a)1l 400ml b)1l 800ml c) 2l 100ml d)2l 300ml e)2l 700ml f)1l 250ml  
g)3l 460ml h) 4l 780ml i)5l 670ml j) 6l 340ml k) 7 890ml
- 3,500ml = 3  $\frac{1}{2}$  l    3,250l = 3  $\frac{1}{4}$  l    3750ml= 3  $\frac{3}{4}$  l    7000ml = 7l
- 4500ml= 4  $\frac{1}{2}$  l    4250l = 4  $\frac{1}{4}$  l    4750ml= 4  $\frac{3}{4}$  l    5000ml = 5 l
- 8500ml= 8  $\frac{1}{2}$  l    8250= 8  $\frac{1}{4}$  l    8750ml= 8  $\frac{3}{4}$  l    2000ml= 2l

Maths Ms O Reilly/Mr Rennick/Ms Hodson

Wednesday      Mental Maths----Working out sums in your head

20x60= 1200      40x30= 1200      70x20=1400      80x20= 1600  
50x50= 2500      90x20= 1800      40x50= 2000      30x60= 1800      10x80= 8000

Try and do these sums in your head. Just write down the answers.

Fill in the next 3 numbers      798,799,800,801,802  
407,408,409,410,411      997,998,999,1000,1001  
1238,1239,1240,1241,1242      3098,3099,3100,3101,3102

Fill in the missing numbers in the following sums

705,706,707,708,709,710      1407,1408,1409,1410,1411,1412  
403,402,401,400,399      5084,5083,5082,5081,5080,5079

50% of 24= 12    50% of 50= 25    50% of 120= 60    50% of 230 = 115    50% of 460=230

Remember to do these sums in your head. Just write down the answers

If you have €10 and you spend €3.50 what is your change? €6.50

If you have €10 and you spend €8.50 what is your change? €1.50

If you have €10 and you spend €4.50 what is your change? €5.50

If you have €10 and you spend €6.50 what is your change? €3.50

## English answers - 14th of May

### The Sun

# Answers

1. What is the sun?  
**The sun is the biggest star in the solar system.**
2. Where in the solar system can the sun be found?  
**The sun can be found in the centre of the solar system.**
3. How old is the sun thought to be?  
**The sun is thought to be about 4.5 billion years old.**
4. How long does it take the Earth to move around the Sun?  
**It takes the Earth one year to move around the Sun.**
5. Explain how a leap year happens.  
**It takes the Earth  $365 \frac{1}{4}$  days to move around the sun. Every four years the quarters are added together to make one full day. When the day is added to a year, it is called a leap year.**
6. When is the longest day of the year?  
**The longest day of the year is 21st June.**
7. What is an eclipse?  
**An eclipse happens when the Moon moves between the Sun and the Earth and blocks the Sun for a short time**
8. Why is the Sun important for planet Earth?  
**The Sun is important because it gives light and heat to planet Earth.**
9. In what way can the sun be dangerous?  
**The sun can burn our skin and damage our eyes.**
10. Can you suggest some ways that we can protect ourselves from the sun?  
**We can protect ourselves by wearing sunglasses and sun cream.**

Maths answers - 14th of May

## Converting Millilitres to Litres and Litres to Millilitres: Answers

Complete the conversion table using millilitres and litres.

Remember 1l = 1000ml.

The first one is done for you.

<b>l (Litres)</b>	<b>ml (Millilitres)</b>
2l	2 000ml
3l	3 000ml
4l	4 000ml
10l	10 000ml
8l	8 000ml
5l	5 000ml
7l	7 000ml
1l	1 000ml
13l	13 000ml
11l	11 000ml

## Maths answers - 15th of May

### Adding and subtracting litres and millilitres answers

E.g. 5 L 300 ML + 650 ML =

L	ML
5	300
	650
<hr/>	
5	950

1. 9L 393ML

6. 4 L 671 ML

2. 6L 657 ML

7. 4L 315 ML

3. 5 L 918 ML

8. 9 L 367 ML

4. 4L 600 ML

9. 5 L 77 ML

5. 9 L 60 ML

10. 12 L 460 ML