

Monday - Maths Answers

Warm Up: Doubling Number Chains


You have a go:

- ❖ $3 \rightarrow 6 \rightarrow 12 \rightarrow 24 \rightarrow 48 \rightarrow 96$
- ❖ $2 \rightarrow 4 \rightarrow 8 \rightarrow 16 \rightarrow 32 \rightarrow 64$
- ❖ $5 \rightarrow 10 \rightarrow 20 \rightarrow 40 \rightarrow 80 \rightarrow 160$

Activity 1: True or False

Calculating averages

Calculate the average pocket money of these four children:



Step 1: Find the total value of money:
 $€3 + €6 + €4 + €7 = €20$

Step 2: Divide the total by the number of children:
 $€20 \div 4 = €5$

→ The average pocket money is €5.

1. Answer true or false.

(a) Each of the four children gets weekly pocket money of €5. _____

(b) Two children get more than the average pocket money each week. _____

(c) Two children get exactly the average pocket money each week. _____

(d) We can say that all the children get **about** €5 pocket money a week. _____

- (a) False
- (b) True
- (c) False
- (d) True

Activity 2: Answer the following questions based on the bar chart below showing us how many books Cara read over four months.

- (a) How many books did she read in March? **5 books**
- (b) How many books did she read altogether? **12 books**
- (c) How many months are represented on the chart? **4 months**
- (d) What is the average number of books read per month? **3 books**
- (e) In which month did she read more than the average number of books? **March**
- (f) In which months did she read less than the average number of books?
February / April

Activity 3: Calculating the average

3. What is the average age of each group?

(a)



$$7 + 11 = 18 \div 2 = 9 \\ \div 3 = 62$$

(b)



$$10 + 16 + 13 + 9 = 48 \div 4 = 12$$

(c)



$$64 + 68 + 54 = 186$$

Monday - English Answers

1. New Words

Obedient: **complies with or follows rules**

Humiliate: **to make someone feel ashamed or embarrassed**

Relinquish: **to give up**

Intimidate: **to frighten or scare someone into doing something**

Questions

1. What breed of dog is Marley? **Marley is a labrador**
2. What did Marley weigh? **Marley weighed 90 pounds**
3. What is Marley's owner's name? **Marley's owners names was Jenny**
4. What advice did the instructor give? **The instructor said that they need to gain control over their dog.**
5. How did they feel driving home? Why do you think they felt like this?
They were embarrassed on the journey because Marley had made a show of them and they felt humiliated by being out of control

Dé Luain - Gaeilge

ionad siopadóireachta



freastalaí



sparán



praghas



airgead



cárta creidmheasa



Líon na bearnaí: Use these words to fill in the sentences below

1. 'Dia dhuit', arsa an freastalaí.
2. Seo é an airgead.
3. Fuair mé cárta creidmheasa.
4. Tá sparán dearg agam.
5. Cad é an praghas?
6. Tá ionad siopadóireachta i dTamhlacht (The Square).

Monday - Geography Answers

Activity 1: Answer the following questions based on the map above. Use the internet to help you.

1. What is a mountain range? **A mountain range is a group of two or more mountains that is close together.**
2. Name one mountain range that is found in the West of Ireland. **Ox Mountains / Maamturk Mountains / Cuilcagh Mountains**
3. Name one mountain range that is found in the South of Ireland. **Macgillycuddy Reeks / Knockmealdown Mountains**
4. Name the county that you would find the Ox Mountains in. **Co. Sligo**
5. Name the county that you would find the Knockmealdown Mountains in. **Co. Tipperary / Co. Waterford**

Warm Up: Doubling Number Chains

- ❖ $4 \rightarrow 8 \rightarrow 16 \rightarrow 32 \rightarrow 64 \rightarrow 128$
- ❖ $6 \rightarrow 12 \rightarrow 24 \rightarrow 48 \rightarrow 96 \rightarrow 192$
- ❖ $7 \rightarrow 14 \rightarrow 28 \rightarrow 56 \rightarrow 112 \rightarrow 224$

Activity 1: Olivia and her family ate dinner at Ben's Bistro. Each family member gave the restaurant a score out of ten. Below are the scores. Read them and answer the questions.

- (a) Who was the most satisfied with their meal? **Mam**
- (b) Who was the least satisfied with their meal? **Clara**
- (c) Estimate the average score given. ***Estimate**
- (d) Calculate the average score given. **7**
- (e) Who gave a score that was above the average? **Olivia / Mam**
- (f) Who gave a score that was below the average? **Clara / Dad**

Activity 2: Calculate the average

(a) Fiona

$$\begin{array}{r} 3.40 \\ 6.25 \\ + 4.75 \\ \hline \text{€ } 14.40 \end{array}$$
$$\begin{array}{r} 3 \overline{) 14.40} \\ \underline{04.80} \\ \text{Ans} = \text{€ } 4.80 \end{array}$$

(b) Max.

$$\begin{array}{r} 6.90 \\ 4.80 \\ + 6.30 \\ \hline \text{€ } 18.00 \end{array}$$
$$\begin{array}{r} 3 \overline{) 18.00} \\ \underline{06.00} \\ \text{Ans} = \text{€ } 6.00 \end{array}$$

(c) Steve

$$\begin{array}{r} 4.10 \\ 5.80 \\ + 5.70 \\ \hline \text{€ } 15.60 \end{array}$$
$$\begin{array}{r} 3 \overline{) 15.60} \\ \underline{05.20} \\ \text{Ans} = \text{€ } 5.20 \end{array}$$

1. New Words

Impatient: **easily annoyed or doesn't like waiting around**

Lurched: **to make a quick, unsteady movement**

Gasped: **to catch your breath in pain or shock**

2. Synonyms

1. Yanked - **pulled**

2. Wheezed - **coughed**

3. Snickered - **laughed**

Questions

1. What was Marley's lesson that night? **The night's lesson was walking on heel.**
2. What happened when the instructor tried to walk Marley? **Marley took off, he pulled the instructed like he was going to pull her arm off**
3. Why did she think she could walk Marley better than John? **Maybe, because she thought she had more experience with dogs than John**
4. How did Marley embarrass the instructor? **He embarrassed her because he wouldn't listen to her, he was still out of control**
5. Why do you think John felt a sort of satisfaction when the instructor could walk Marley? **John was happy because Marley wouldn't behave for the instructor. Marley was awful for everyone, not just John and Jenny.**

Meatsáil: Match the Irish words (Left) to what they are in English (Right):

Daor expensive
 Freastalaí shop attendant
 Saor cheap
 Airgead money
 Sóinseal change
 Sparán purse or wallet
 Pragas price
 Díolachán sale
 Cárta creidmheasa credit card
 Ionad siopadóireachta shopping centre

Tuesday - Geography Answers

Activity 1: Using the internet, can you find out which province of Ireland the following mountains belong to.

Leinster	Connacht	Munster	Ulster
Brandon Hill	Croagh Patrick	Carrauntoohil	Bluestack Mountains
Slieve Bloom	Nephin	Mount Brandon	Derryveagh Mountains
Blackstairs	Twelve Pins	Cnoc na Péiste	Mourne Mountains
Wicklow Mountains		Galtymore	Mount Errigal
		Knockmealdown Mountains	

Activity 2: In our list above you will find the highest mountains in Ireland. Can you list the 3 highest mountains in Ireland in order? The internet will help you!

- 1. Carrauntoohil**
- 2. Cnoc na Péiste**
- 3. Mount Brandon**

Wednesday - Maths Answers

Warm Up: Halving Number Chains

- ❖ $24 \rightarrow 12 \rightarrow 6 \rightarrow 3 \rightarrow 2 \rightarrow 1$
- ❖ $16 \rightarrow 8 \rightarrow 4 \rightarrow 2 \rightarrow 1$
- ❖ $44 \rightarrow 22 \rightarrow 11 \rightarrow 6 \rightarrow 3 \rightarrow 2 \rightarrow 1$

Activity 1: Complete these maths riddles:

- (a) The average of three numbers is 8. What is the sum of the three numbers? **24**
- (b) The average of five numbers is 11. What is the sum of the five numbers? **55**
- (c) The average of eight numbers is 25. What is the sum of the eight numbers?
200

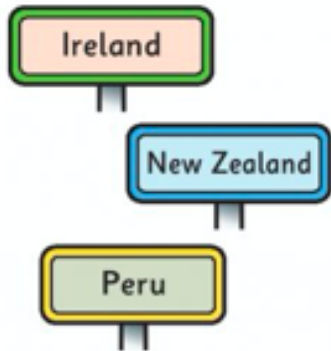
Activity 2: After having watched the video now complete parts (a) - (f)

<p>(a) The average of these four numbers is 7. What is the missing number?</p> <p>8 5 <input type="text"/> 7</p>	<p>(b) The average of these five numbers is 11. What is the missing number?</p> <p>13 <input type="text"/> 6 12 10</p>
<p>(c) The average of these three numbers is 24. What is the missing number?</p> <p><input type="text"/> 31 21</p>	<p>(d) The average of these six numbers is 30. What is the missing number?</p> <p>28 42 25 29 27 <input type="text"/></p>
<p>(e) The average of four numbers is 15. Two of the numbers are identical, what are they?</p> <p><input type="text"/> 12 14 <input type="text"/></p>	<p>(f) The average of five numbers is 23. The missing numbers are identical, what are they?</p> <p><input type="text"/> 16 <input type="text"/> <input type="text"/> 21</p>

- (a) **8**
- (b) **14**
- (c) **20**
- (d) **29**
- (e) **17**
- (f) **26**

Activity 3: What is the average number of letters in these signs below:

(A)



(a) 7

(B)



(b) 5

Wednesday - English Answers

1. Why did the instructor ask John to wait after the lesson? **To talk to him about Marley's behaviour and to tell him that Marley was too young for the class and not to come back.**
2. How long did the instructor say John had to wait until Marley could be brought back to the class? Do you think this was fair? **In 6 or 8 months**
3. What is a refund? **A refund is when someone gets their money back after paying for something.**



1. Cén sort siopa é Boots? Is potigéara é Boots



2. Cén sórt siopa é H & M? I siopa éadaí é H&M



3. Cén sórt siopa é JD? Is siopa spórt/éadaí,bróga é JD



4. Cén sórt siopa é An Post? Is oifig an phoist é An Post

Grammadach

We are going to look at the aimsir láithreach today. This is the present tense.

We use words these words when we are using present tense verbs:

Gach lá - everyday	De gnáth - usually	Uaireanta - sometimes
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Ceannaigh - to buy

Ceannaím - I buy

Ceannaíonn tú - you buy

Ceannaíonn sé - he buys

Ceannaíonn sí - she buys

Líon na bearnaí: (Fill in the blanks)

Example: Ceannaím milseán gach lá - I buy sweets everyday.

1. (She buys) ceannaíonn sí glasraí gach lá.
2. (I buy) Ceannaím milseáin sa siopa gach Aoine.
3. (You buy) Ceannaíonn tú srocaí gach seachtain.
4. (He buys) Ceannaíonn sé sceallóga de gnáth.
5. (I buy) Ceannaím uisce gach lá

Now, translate these sentences ó Bhearla go Ghaeilge

1. I buy food at the supermarket everyday.
Ceannaím bia ag an ollmhargadh gach lá.
2. You buy trousers at the clothes shop every Friday.
Ceannaíonn tú bite ag an siopa éadaí gach Aoine.
3. He buys a board game at the toy shop every week.
Ceannaíonn cluiche bórd ag an siopa bréagán gach seachtain

Wednesday - Music Answers

Before you listen:

1. Research where the Galtee Mountains are. **The Galtee Mountains are spread across Tipperary and Limerick**
2. Write down 2 facts about the Galtee Mountains **Its Irish name is cnoc Mór na nGailbhite meaning the big hill of the Galtees, it is one of Ireland's highest mountains**

After you listen:

1. What year did he leave the flying column? **1916**
2. What counties are mentioned? **Tipperary and Cork**
3. Where is he saying goodbye to? **Old Clonmel which is a town in Tipperary**
4. The Wicklow mountains are mentioned in the song, are the Wicklow Mountains near the Galtee Mountains? **No, they are not near to each other. The Wicklow mountains are in the East of Ireland.**

Thursday - Maths

Warm Up: Halving Number Chains

Try these!

- ❖ $60 \rightarrow 30 \rightarrow 15 \rightarrow 8 \rightarrow 4 \rightarrow 2 \rightarrow 1$
- ❖ $96 \rightarrow 48 \rightarrow 24 \rightarrow 12 \rightarrow 6 \rightarrow 3 \rightarrow 2 \rightarrow 1$
- ❖ $28 \rightarrow 14 \rightarrow 7 \rightarrow 4 \rightarrow 2 \rightarrow 1$

Activity 1: Calculate the average temperature of each of the cities over a week

	City	M	T	W	T	F	S	S
(a)	Cork	17°C	16°C	21°C	19°C	16°C	18°C	19°C
(b)	New York	24°C	27°C	28°C	28°C	25°C	22°C	28°C
(c)	Reykjavik	9°C	11°C	14°C	8°C	10°C	13°C	12°C
(d)	Beijing	31°C	34°C	29°C	33°C	34°C	30°C	33°C
(e)	Madrid	22°C	28°C	26°C	23°C	29°C	31°C	30°C

- (a) Cork - 18 degrees
- (b) New York - 26 degrees
- (c) Reykjavik - 77 degrees
- (d) Beijing - 32 degrees
- (e) Madrid - 27 degrees

Activity 2:

Challenge 1: 22

Challenge 2: 24

Challenge 1:

The average of four numbers = 16

The average of three numbers = 14

$$\begin{array}{r} 4 \times 16 = 64 \\ \underline{\times 4} \\ 64 \end{array}$$

$$\begin{array}{r} 14 \\ \underline{\times 3} \\ 42 \end{array}$$

What number was removed?

$$\begin{array}{r} 64 \\ - 42 \\ \hline 22 \end{array}$$

Challenge 2:

The average of four numbers is 6

$$\begin{array}{r} 6 \\ \underline{\times 4} \\ \text{Sum} = 24 \end{array}$$

Thursday - English Answers

- (a) closed/open
- (b) standing /sitting
- (c) old/new
- (d) cry/laugh
- (e) discontinued/continued
- (f) pushing/pulling
- (g) enemies/friends
- (h) under/over
- (i) imperfect/perfect
- (j) untrained/trained
- (k) advanced / beginner
- (l) student/teacher
- (m) pride/ humiliation
- (n) servant/ master
- (o) Patiently/ impatiently

- (p) loosened/tightened
- (q) started/stopped
- (r) beginning / ending
- (s) forward/ backwards
- (t) payment/refund
- (u) dissatisfaction/satisfaction
- (v) disobedience/ obedience
- (w) natural/ unnatural
- (x) Very serious/ mockery

Thursday - Geography Answers

Fact File on Ireland's Highest Mountain **Carrauntoohil**

1. *What county is Carrauntoohil found - **Kerry***
2. *What province is Carrauntoohil found - **Munster***
3. *Height of Carrauntoohil - **1,038.6 metres***
4. *Name of the mountain range Carrauntoohil is found - **The MacGillycuddy Reeks***
5. *The Irish name for Carrauntoohil - **Corrán Tuathail***
6. *Reason why it is so well known - **It is the highest mountain in Ireland***

Fact File on **Croagh Patrick**

1. *What county is Croagh Patrick found - **Mayo***
2. *What province is Croagh Patrick found - **Connacht***
3. *Height of Croagh Patrick - **764 metres***
4. *The Irish name for Croagh Patrick is - **Cruach Phádraig***
5. *Reason why it is so well known - **It is considered Ireland's holiest mountain and many people go on a pilgrimage there each year***

Friday - Maths Homework

Activity 1: Find the average of the following:

1. Three children in a family are 3, 5 and 7 years old. What is their average age?
2. Four bags of potatoes weigh 1kg, 2kg, 4kg and 5kg. What is the average weight of the bags?
3. The temperature on three consecutive days was 5°C, 7°C and 6°C. What was the average temperature over the three days?
4. The prices for rides at the local fairground are 60c, 75c and 90c. What is the average price of a ride?
5. Judy got €4 pocket money in September, €5 in October, €3.50 in November and €3.50 in December. What was the average amount of pocket money she received over the four months?

1. Average Age = 5
2. Average Weight = 3kg
3. Average Temperature = 6 degrees
4. Average Price = 75c
5. Average Pocket Money = €4

Activity 2: Look at the bar chart below that shows us the amount of money the Murphy family spent on their shopping over 5 weeks. Answer the following questions:

1. In what week did they spend the most amount of money? **Week 4**
2. What was the least amount that they spent? **€20**
3. Over the five weeks what was the average amount of money spent by the Murphy family? **€46**
4. Can you suggest one reason why they didn't spend the same amount of money each week? ***Different Answers will be correct* Examples include: Maybe one of the weeks there was a special occasion in the house and they were having a party so would have spent more money / Maybe one week they bought lots of cleaning products that would last them a long time and they wouldn't have to buy them regularly.**

Friday - English Answers

1. What type of pets did the girl want? Why? **The girl wanted a puppy, a gerbil or mouse that would follow her all through the house**

2. Why did her mother think worms are good pets? She thought they were a good pet because they don't make much noise, they do no real work and they don't get offended by what friends point and smirk.