ANSWERS 4th CLASS 20th -24th April

PLANET MATHS - TOPIC: WEIGHT

Page 114 B. 1. 3g 2. 30kg 3. 2kg 4. 450g 5. 100g C. 1. 450g 2. 180kg 3. 2kg 4. 32kg

Page 115 A. 1. 10g + 5g + 1g + 1g 2. 5g + 1g 3. 10g + 10g + 10g + 10g 4. 10g + 10g + 5g 5. 10g + 10g + 5g + 1g + 1g + 1g 6. 10g + 1g 7. 10g + 10g + 1g 8. 10g + 10g + 10g + 1g + 1g + 1g 9. 10g + 10g + 10g + 10g + 10g + 1g B. 1. Your own estimates 2. (a) 4,300g (b) 1,900g (c) 2,200g (d) 3,600g (e) 1,250g (f) 3,450g (g) 7,890g (h) 2,089g (i) 1,070g (j) 3,008g (k) 3,080g (l) 3,800g 3. (a) 1kg 300g (b) 2kg 600g (c) 7kg 900g (d) 4kg 600g (e) 2kg 450g (f) 1kg 750g (g) 6kg 590g (h) 2kg 340g (i) 2kg 70g (j) 3kg 8g (k) 6kg 80g (l) 1kg 1g (m) 0kg 85g (n) 2kg 500g (o) 3kg 250g (p) 4kg 750g C. Approximations only. Weight will depend on size, etc. Litre of water weighs around 1kg. Large elephant weighs around 5,000kg (5 tonnes). Bicycle weighs around 10kg. Bar of gold weighs around 12.4kg. Small bar of chocolate weighs around 100g (much variance). Bag of coal weighs around 40kg. Discussion point: gold is very heavy. A bar of gold that is the same size as a bar of chocolate would weigh much more than the chocolate.

Page 116 A. 1. (a) 4.64kg (b) 5.23kg (c) 8.69kg (d) 9.12kg (e) 1.97kg (f) 3.3kg (g) 3.03kg (h) 2.09kg (i) 2.5kg (j) 5.25kg (k) 0.75kg (l) 7.75kg 2. (a) 4kg 560g (b) 1kg 550g (c) 8kg 780g (d) 9kg 240g (e) 1kg 990g (f) 2kg 500g (g) 3kg 600g (h) 4kg 800g (i) 4kg 80g (j) 2kg 10g (k) 3kg 30g (l) 4kg 150g B. 1. (a) 5kg 572g (b) 8kg 516g (c) 7kg 171g (d) 8kg 990g (e) 8kg 30g 2. (a) 3kg 260g (b) 2kg 347g (c) 2kg 244g (d) 1kg 886g (e) 3kg 765g C. 1. 7kg 600g 2. Gross weight is greater 3. 450g 4. 454g 5. 716g 6. 446g 7. The bag with an advertised net weight of 100g is better value Discussion Point: why is this bag better value?

Page 117 A. Alf light flyweight, Joe bantamweight, Bert heavyweight, Dan middleweight, Ernie light heavyweight, AJ super heavyweight, Ali light welterweight, Hal featherweight B. 1. (a) 15.19kg (b) 14.72kg (c) 47.34kg 2. (a) 14.55kg (b) 31.45kg (c) 9.84kg (d) 14.46kg (e) 8.32kg (f) 27.63kg 3. 30kg + 36kg = 66kg 4. (a) 3.120kg (b) 3.410kg (c) 1.130kg (d) 1.020kg (e) 2.160kg (f) 3.28kg 5. 1kg 88g 6. 1.25kg Discussion Point: The above answer assumes she lost the same amount of weight each day (which is unlikely). There are many possible correct answers.

Page 118 B. 1. (a) 7kg 747g (b) 6kg 240g (c) 8kg 320g 2. (a) 6kg 592g (b) 5kg 968g (c) 3kg 777g 3. (a) 6.15kg (b) 8.1kg (c) 9.72kg (d) 8.96kg 4. (a) 1.25kg (b) 2.09kg (c) 2.41kg (d) 2.95kg C. 1. 1kg 2. 7 1 2g 3. 20g 4. 300g D. 1. Your own answer 2. Price 3. Priced at different rates 4. Healthy eating = minerals, vitamins, roughage 5. No. It would be almost impossible to buy exactly half a kilo of carrots without cutting one of the carrots. (You could buy a jar of carrots weighing half a kg) 6. To allow for the weight of the bag Discuss net and gross weight.

Answers for New Wave Mental Maths 4 Week 27

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Monday | Tuesday | Wednesday | Thursday | Friday |
|  | 7,3 | 11,6 | 22,4 | 14 minutes,1 | 23,5 |
|  | Diagonal | 1 | 293 | 1,007 | 1,005 |
|  | 5 | 9.05am | 21 | 28 | 393 |
|  | 30 | 462 | 12.00 | 80 | 15.00 |
|  | 2.4 | 2 | 608 | 0.9 | 4.0 |
|  | 250 | 370 | 2,965 | 18 | Pentagon |
|  | 21.00 | 5 | 380 | 3 | Horizontal |
|  | 4 | 8,000 | 2,000 | 12.55pm | 4 |
|  | 40 | 25 | 3.20pm | 3.6 | 20.00 |
|  | 3,996 | 10 | 3.0,2.2,1.9,0.9 | Vertical | 80 |
|  | Octagon | 12+14,26 | 4 | 330 | Octagon |
|  | 22 | 4,990 | 90 | 4 | 464 |
|  | 72 | 15 | 47 | 9 | 8 |
|  | 2.45pm | 7,970 | Pentagon | 1,973 | 18 |
|  | 8 | Pentagon | 3.0 | 4,575,4.575 | 5 |
|  | 19 | 5.5 | 6 | 5 | 250 |
|  | Square based pyramid | 7 | - | 1 | 3.1,2.3,1.8,0.8 |
|  | 50 | 280 | 10 | P.E. | 4.0 |
|  | August | 90 | 12 | History | 7 |
|  | 5,035 | 36 | - | 3 | 3 |
|  |  |  |  |  | 18.00 |
|  |  |  |  |  | 100 |
|  |  |  |  |  | 16.70 |
|  |  |  |  |  | 60 |
|  |  |  |  |  | 1,979 |

English

Comprehension pg 62

1. The two children were Ellen and Jody.
2. The lioness walked cautiously, she held her head down and her muscles were rippling.
3. Ellen felt surprise and fear.
4. It shows they are afraid.
5. Ellen is the only person who doesn’t make a sound.
6. Jody may think it is just a big cat.
7. I think Jody is four or five years old.
8. I would have piled the bags up and created a barrier.

Vocabulary –

|  |  |
| --- | --- |
| 1.Coaxed  | gently persuaded |
| 2. attempted | tried |
| 3. proceeded | continued forward |
| 4.response | answer |
| 5.baggage | luggage |
| 6.frontier | the border between two places  |

Word Study pg 62

A

use, clear, play, paint, order, manage

B

|  |  |  |  |
| --- | --- | --- | --- |
| 1. cook
 | 1. hope
 | 1. write
 | 1. dress
 |
| 1. cycle
 | 1. phone
 | 1. play
 |  |

C

|  |  |  |  |
| --- | --- | --- | --- |
| 1. table
 | 1. ankle
 | 1. nettle
 | 1. steeple
 |
| 1. needle
 | 1. cackle
 | 1. candle
 |  |

Grammar- Adverbs pg 63

A

|  |  |  |  |
| --- | --- | --- | --- |
| 1. quickly
 | 1. heavily
 | 1. soundly
 | 1. loudly
 |
| 1. triumphantly
 | 1. brightly, happily
 | 1. fiercely, heavily
 | I think there is a mistake in no. 2. I would say “sorrowfully” |

B

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Hastily – slowly | Kindly- cruelly | Generously - selfishly  | Awkwardly - gracefully | Wisely - foolishly | Accidentally – deliberately |
| Innocently- guilty | Roughly- gently | Bravely-fearfully | Strongly - weakly | Lazily -industriously | Privately – publicly |

C

|  |  |  |  |
| --- | --- | --- | --- |
| 1. tightly
 | 1. carefully
 | 1. gracefully
 | 1. quietly
 |
| 1. sadly
 | 1. politely
 | 1. honestly
 |  |

Irish

A

1. Chuaigh Fia agus Fionn ag siopadóireacht.
2. Chuir Fionn bainne, arán, citseap agus subh sa tralaí.
3. Is maith le Fionn cáis agus liamhás.
4. Chonaic Pedro agus Pia, Fionn sa charrchlós.
5. D’fhág Fionn an tralaí in aice leis an gcarr.
6. Bhí an tralaí imithe ar strae.

B

1. Bhí Alí ag caoineadh mar thit sí sa chlós.
2. Bhí an múinteoir crosta mar bhí na páistí ag caint ar scoil.
3. Bhí Piobar ag tafann mar chonaic sé chat sa chrann.
4. Thosaigh Mamó ag gáire mar bhí spotaí ar Bháinín.
5. Bhí Ollaí míshasta mar bhí alán obair bhaile aige.
6. Bhí áthas ar Sam mar thug Pia cáca dó.
7. Bhí tuirse ar Phia mar bhí sí ag obair sa bhácús.
8. Cheannaigh Beití hata mar bhí sí sa siopa éadaí.
9. Bhí Timmí fliuch báite mar bhí sé ag snámh san uisce.
10. Chonaic Hollaí Báinín mar bhí sí ag ól bainne sa chistin.

C

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. uibheacha
 | 1. airgead
 | 1. tralaí
 | 1. speaclaí
 | 1. ceapaire
 |

D

Cén t-am é?

1. 5.00- Ta sé a cúig a chlog
2. 9.30 – Tá sé leathuair tar éis a naoi.
3. 8.15 – Tá sé ceathrú tar éis a hocht.
4. 11.15- Tá sé ceathrú tar éis a haon déag
5. 1.45 - Tá sé ceathrú chun a dó.
6. 6.30 - Tá sé leathuair tar éis a sé.
7. a hocht a chlog
8. ceathrú chun a naoi.
9. Leathuair tar éis a haon déag.
10. A trí a chlog.
11. Ceathrú tar éis a ceathair.