6th CLASS ANSWERS – APRIL 20th -24th

MATHS

Topic 20: Chance

Page 126 B. 1. + 2. Your own answers C. 4: 3 (1+3, 3+1, 2+2) 5: 4 (1+4, 4+1, 2+3, 3+2) 6: 5 (1+5, 5+1, 2+4, 4+2, 3+3) 7: 6 (1+6, 6+1, 2+5, 5+2, 3+4, 4+3) 8: 5 (2+6, 6+2, 3+5, 5+3, 4+4) 9: 4 (3+6, 6+3, 4+5, 5+4) 10: 3 (4+6, 6+4, 5+5) 11: 2 (5+6, 6+5) 12: 1 (6+6)

Page 127 A. 1. Probability is 20% 2. Combined results should be close to 2 out of 10 trials. Discussion Point: Why might you not get exactly the probability that was predicted? B. 1. 60% 2. 33% 3. 25% C. 1. 16.6% 2. 37.5% D. 1. 25% 2. 50% 3. 12.5%

Page 128 A. 1. (a) green / red / green and yellow are equally likely (b) yellow and blue are equally unlikely / yellow / blue 2. A green 36, red 18, blue 9, yellow 9 B green 18, red 27, blue 18, yellow 9 C green 331 3, red 22%, blue 11%, yellow 331 3 3. 12.5% / 25% / 11% B. He put the basket into one of the corners of the room making the task much easier!

Page 129 A. 1. 50 would be a reasonable prediction 2. Yes – number >97 B. 1. 72 would be a reasonable prediction 2. Yes C. 1. 52 minutes would be a reasonable prediction. 2. As sailing boats depend on the wind, a calm day will slow the boat.

Page 130 A. Probable – means likely – higher than 50-50; improbable – means unlikely – a lot worse than 50-50 B. 1. 30% 2. 25% 3. 1% 4. 20% C. Emerald ice-cream sales are likely to rise as summer comes. Ozzie Ices sales are likely to drop as the Australian winter comes along. However – two things to bear in mind. 1. Winter in parts of Australia can be a lot warmer than summer in Ireland. 2. Because of the higher population of Australia, Emerald sales (even in summer) are unlikely to approach those of Ozzie Ices.

New Wave Mental Maths 6 Week 27

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Monday | Tuesday | Wednesday | Thursday | Friday |
|  | 4 | -3 | 0.51 | 2.50 | 16 |
|  | 200 | 30 | 0.02 | 1/3 | 1,800 |
|  | -6 | 10,001,001 | 4 | Isosceles | 0.03 |
|  | 83/8 | 70% of 90 | 2,000 | 40 | 3,650 |
|  | 2,100 | 5 | 15.2 | 1 | 02 |
|  | 3,000 | 473/1000, 2 and 1/5, 4.00,41/10,34 | 600,000 | 0.04 | +4 |
|  | 0.3 | 12 | 20 | 0.289 | 5.5 |
|  | 12.568 | Scalene | 40 | +3 | 0.6 |
|  | 300 | 05,5 | 04 | 20% 0f 80 | 4.272 |
|  | 13 | 5 | ½ | - | 700,000 |
|  | 01 | 40 | 53 | 1/6 | - |
|  | 50,000 | 3 | 40 | 29.2 | 63 |
|  | 2/9 | 45 | 25.2 | 4 | 35 |
|  | 10 | 1,000 | 3 | 50 | 2/12 or 1/6 |
|  | - | 25 | 2 | 08 | scalene |
|  | 6000 | 50 | 24 | 4 | 1,800 |
|  | 20 | 2,020,002 | 25 | 54 | 50 |
|  | 15 | 75 | 0.2 | 121 | 8 |
|  | - | Octahedron | ¼,0.1,8% | 3 | 71/1000,3/5,71/100 |
|  | Right angled triangle | - | a-100 b-80 degrees | 3,000 | 3,033,500 |
|  |  |  |  |  | 15 |
|  |  |  |  |  | 24 |
|  |  |  |  |  | 37.50 |
|  |  |  |  |  | 10 |
|  |  |  |  |  | 75 |

English

The Iron Woman

A Comprehension

1. The road seemed to hit her chest and stomach a strong hard thump.
2. Lucy heard a long wailing cry like a fire engine siren.
3. The head looked like a gigantic black lump, crowned with reeds and streaming with mud.
4. It moved again in half an hour.
5. crab, grass snakes, water voles
6. She was thrown off balance because the ground shook from the force of the iron woman.
7. It wasn’t a happy sound because it sounded like a wailing cry.
8. She jumped and ran to get away from the strange form.
9. They were frightened because the snakes squirmed and the water voles flailed and blinked and squealed.
10. This is up to you

B –Cloze Test

|  |  |  |  |
| --- | --- | --- | --- |
| 1. gigantic
 | 1. immense
 | 1. towered
 | 1. dragging
 |
| 1. weirdest
 | 1. wailing
 | 1. hoisted
 | 1. groaning
 |

C- Find the Words

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. out of breath - winded
 | 1. strangest - weirdest
 | 1. mournful – wailing
 | 1. huge- gigantic
 | 1. swelled - bulged
 |
| 1. sway - veered
 | 1. moved sideways - heaved
 | 1. crying sound – roar
 | 1. a little piece -
 | 1. rushes -reeds
 |

Conjunctions pg 64

A

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. until
 | 1. although
 | 1. before
 | 1. as
 | 1. while
 |
| 1. whereas
 | 1. but
 | 1. or
 | 1. unless
 | 1. nor
 |

B

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. until
 | 1. before
 | 1. since
 | 1. whenever
 | 1. after
 |
| 1. when
 | 1. until
 | 1. while
 | 1. since
 | 1. as
 |

C

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. and
 | 1. however
 | 1. as
 | 1. or
 | 1. so
 |
| 1. because
 | 1. after
 | 1. but
 | 1. while
 | 1. but/although
 |

Prefixes pg 65

A

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1.honest, honestly, honesty | 2.identification, unidentified | 3.imaginary, imagination | 4.industrial, industrious, industrial, industrialised | 5.manager, management, managing, manageress |

B

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. emphasise
 | 1. identify
 | 1. memorise
 | 1. purify
 | 1. modernise
 |
| 1. specialise
 | 1. thicken
 | 1. widen
 | 1. apologise
 | 1. shorten
 |

C

|  |  |  |  |
| --- | --- | --- | --- |
| 1. fearing
 | 1. cheered
 | 1. blurred
 | 1. swearing
 |
| 1. moored
 | 1. paired
 | 1. stirred
 | 1. soared
 |
| 1. wearing
 | 1. roared
 | 1. wiring
 | 1. sparring
 |
| 1. tearing
 | 1. slurred
 | 1. aired
 | 1. spared
 |

Irish

An tSeanbhean Bhocht

A

1. Bhí Hollaí agus Ollaí ar an mbealach abhaile ón leabharlann.
2. Rith said abhaile mar thosaigh sé ag stealladh báistí.
3. Nuair a thosaigh an toirneach, rith Salann faoin mbord agus rith Piobar go dtí an fhuinneog agus thosaigh sé ag tafann.
4. Chonaic Ollaí seanbhean ag siúl síos an bóthar.
5. Chabhraigh Ollaí leis an tseanbhean.
6. Bhí sí trína chéile mar bhí sí préachta leis an bhfuacht agus caillte.
7. Ní raibh fón póca ag Nóra.
8. Chuaigh Nóra abhaile nuair a bhí an stoirm thart.

C

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. Chodail
 | 1. D’inis
 | 1. Tabharfaidh
 | 1. Déanfaidh
 | 1. Ghlaoigh
 |

D

1. Bhí an siopadóir trína chéile mar ní raibh aon sóinseail aige.
2. Bhí an seanfhear trína chéile mar chaill se a speaclai.
3. Bhí an gruagaire trína chéile mar ní raibh aon siosúir aige.
4. Bhí an múinteoir trína chéile mar d’fhág sí na cóipleabhar sa bhaile.

|  |  |  |  |
| --- | --- | --- | --- |
| 1. an-tinn | 2. an-lag | 3. ocras an domhain | 4. fliuch go craiceann |

E

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1. Dúirt | 2. Béarfaidh | 3. Beidh | 4. Chuala | 5. Déanfaidh | 6. Gheobhaidh |
| 7. Chonaic | 8. D’ith | 9. Tháinig | 10. Tabharfaidh | 11.Rachaidh |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 1. Inné
 | 1. amárach
 | 1. amárach
 | 1. inné
 |
| 1. amárach
 | 1. inné
 | 1. amárach
 | 1. inné
 |