ANSWERS 6TH CLASS 11th – 15th of MAY 2020

**PLANET MATHS 6**

 DIRECTED NUMBERS

Page 136 B. 1.- 2.(a) 3 (b) 7 (c) 5 (d) 6 (e) 6 (f) 6 (g) 10 (h) 9 C. 1.(a) 11 (b) –1 (c) 23 (d) –3 (e) –13 2. –

Page 137 A. 1. 3 2. 5 3. 0 4. –1 5. –3 6. –3 7. –3 B. 1.(a) –1 (b) 5 (c) 5 (d) 1 (e) 0 (f) 5 2.(a) –2 (b) –6 (c) –6 (d) –2 (e) –4 (f) –8 3.(a) 2 (b) 3 (c) 6 (d) 7 (e) –3 (f) –8 C.(all answers are given) 1.(a) 12 (b) 0 (c) 0 (d) –12 2.(a) 11 (b) –5 (c) 5 (d) –11 3.(a) 3 (b) 5 (c) 0 (d) 0 4.(a) –5 (b) 3 (c) –7 (d) –8 D.(all answers given) 1.(a) > (b) > (c) < (d) > (e) < 2.(a) > (b) > (c) < (d) > (e) > E.(all answers given) 1. (a) – 8, – 5, +9 (b) – 7, – 2, +1 (c) – 7, +1, +8 (d) – 8, – 2, +3 (e) – 5, 0, +5 (f) – 6, 0, +2 2. (a) – 1, 0, +1 (b) – 6, +4, +8 (c) – 8, – 4, +6 (d) – 5, – 2, +5 (e) – 3, +3, +7 (f) – 7, 0, +4

Page 138 A. 1. Spur 2. Pool 3. 10m 4. 20m 5. 25m 6. 85m 7. +5m B. 1. April 2. August 3. €50 4. €200 5. €300 6. €250 7. November 8. €2,050 9. €800 Discussion Point: Often in business, graphs such as this indicate thousands of euro (or millions.) Is it realistic that a company might make a profit of €50?

Page 139 A. €+60 €– 50 €+100 €– 150 €+150 €+50 0 €+30 €– 20 €+110 €– 90 €+190 €+10 0 €– 20 €+60 B. 1. 12m 2. 18m 3. – 48m 4. 151 2m 5. 113° 6. 19,881m Challenge Yourself! 1.(a) 30 (b) – 12 (c) – 16 (d) – 45 (e) 15 (f) 14 2.(a) – 16 (b) 25 (c) – 36 (d) 49 (e) – 64 (f) – 81

Page 140 A. Negative numbers – numbers with a value of less than 0 B. 1.(a) < (b) > (c) < (d) > (e) < (f) > (g) < (h) > (i) > (j) < (k) > (l) > 2. (a) +4 ▼– 6▲ +2▼ – 1▲ +8 ▼0 (b) – 3 ▲+3▼ +2▼ – 2▼ – 8▲ +8 (c) 0▼ – 1▲ +3▼ +1▼ – 5 ▲– 2 (d) – 1▲ +5 ▼0▼ – 1▲ +2▼ – 8 (e) – 7 ▲+7 ▼– 2▼ – 3▲ +1▼ 0 (f) +1 ▼– 4▲ – 1 ▲+5 ▼– 1▲ +3 C. Evelyn Hole Par Score =+– 1 4 6 + 2 2 4 6 + 2 3 4 5 + 1 4 4 5 + 1 5 5 5 = 6 5 5 = 7 3 4 + 1 8 4 8 + 4 9 4 5 + 1 Result 12 David Hole Par Score =+– 1 4 3 – 1 2 4 3 – 1 3 4 4 = 4 4 4 = 5 5 3 – 2 6 5 4 – 1 7 3 1 – 2 8 4 3 – 1 9 4 5 + 1 Result – 7 Pól Hole Par Score =+– 1 4 5 + 1 2 4 3 – 1 3 4 4 = 4 4 4 = 5 5 4 – 1 6 5 9 + 4 7 3 3 = 8 4 3 – 1 9 4 4 = Result 2 D. (a)false (b) true (c) false (d) false (e)false (f) true (g) false (h) true (i)true (j) true E.

NEW WAVE MENTAL MATHS 6 WEEK 29

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Monday | Tuesday | Wednesday | Thursday | Friday |
|  | 315 | 20 | 4,2 | 0.36 | 61 |
|  | 32 | -6 | 1,4 | 309 | 10 |
|  | Right | 36 | +4 | 35 | 600 |
|  | 0.005 or 5/1000 | 2,250 | Obtuse | 5 | 005 |
|  | 0.925 | 54.12 | False | ½ | Obtuse |
|  | 0.6 | 50 | 1,800 | 31 | 40 |
|  | ½ | Acute | ½ | 100 | 25 |
|  | 9 | 408 | 21 | 2 | 7 |
|  | 20 | Rhombus | 0.4 | Hundred thousands | 1 |
|  | 5%, 0.99,3⅔ | 0.48 | 3 | 75 | True |
|  | Parallel –A Perpendicular – B | 049 | 7 | 8 | 4 |
|  | 19 | 27.036 | 100 | 4 | 62 |
|  | 24 | Tens | Octahedron | 4 | +1 |
|  | 032 | 1,500 | +3 | 100 | 25 |
|  | 875 | 4 | 5 | True | Octagon |
|  | 20 | 33 | ⅛, ½, ⅝, 3/4 | 360 | 24 |
|  | 20 | 36 | 10 | ⅓, 3/6, ⅔, 8/9 | 2.34,90%,18%,0.11 |
|  | 5 | 100 | 360 | 007 | ½ |
|  | 1 | ⅛ | True | (a) 100 (b) 50 | True |
|  | 002 | ⅜ | 1,000,000 | 1 in 2 or 50% | 20.488 |
|  |  |  |  |  | 1.2 |
|  |  |  |  |  | 240 |
|  |  |  |  |  | 64 |
|  |  |  |  |  | Pentagonal |
|  |  |  |  |  | 100 |

**ENGLISH**

 SECTION A Comprehension

1. The latest time you can check out is 3.00pm.
2. Four people can stay for €199.
3. The tickets are for Dublin Zoo or the GAA museum and a stadium tour.
4. A man and a woman were rescued a Steamboat Quay.
5. They were rescued in Limerick.
6. The garden workshop is taking place in the Citywest Hotel.
7. It includes the workshop, lunch and morning coffee and a pack of garden products worth €25.
8. Mr. Middelton’s Garden Shop is mentioned.
9. A car crash occurred at 8.45am at Barntick.
10. The two people were taken to hospital.

True or False SECTION B

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. False
 | 1. True
 | 1. False
 | 1. True
 | 1. false
 |
| 1. False
 | 1. True
 | 1. False
 | 1. True
 | 1. True
 |

Pg 74 SECTION C – your own work.

Pg 74 Metaphors SECTION A

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. fox
 | 1. thread
 | 1. two-faced
 | 1. warmly
 | 1. slipping
 |
| 1. gold
 | 1. cats and dogs
 | 1. apple of his eye
 | 1. joy
 |  |

SECTION B

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. tinge
 | 1. whip
 | 1. poke
 | 1. spark
 | 1. iron
 |
| 1. veil
 | 1. drag
 | 1. glow
 | 1. fish
 | 1. wrestled
 |

SECTION C

1. Patricia is the **taller** of the two girls.
2. The actor played the principal **role** in the play.
3. The dog **ran** by our door at 8.30pm.
4. Charles Dickens wrote **David** Copperfield.
5. In winter we never go **anywhere**.
6. Each of us **has** a room in the hotel.
7. I knew that the strange bird was **an** owl.
8. He **thought** he made a big mistake.
9. The boy ran **off** with the bone.
10. They made **quite** a lot of noise.

**NO WRITTEN WORK IN IRISH** - JUST DRAWING AND REVISING VOCABULARY : ))