ANSWERS 6th CLASS 25th -29th MAY 2020

**MATHS**

PLANET MATHS 6 – 3-D Shapes

Page 155 C. 1. true 2. false 3. true 4. true 5. false 6. true D. 1. cuboid 2. sphere 3. cylinder 4. cuboid 5. cube 6. cylinder Discussion Point: Discuss the ‘imperfections’ on these items e.g. if the playing cards have rounded corners, then strictly speaking, the deck is not a cuboid.

Page 156 I can’t show you this.

Page 157 A. Triangular prism 5 faces 9 edges 6 vertices Cube 6 faces 12 edges 8 vertices Pentagonal prism 7 faces 15 edges 10 vertices Hexagonal prism 8 faces 18 edges 12 vertices Octagonal prism 10 faces 24 edges 16 vertices Octahedron 8 faces 12 edges 6 vertices Triangular pyramid 4 faces 6 edges 4 vertices Square pyramid 5 faces 8 edges 5 vertices Pentagonal pyramid 6 faces 10 edges 6 vertices Hexagonal pyramid 7 faces 12 edges 7 vertices Octagonal pyramid 9 faces 16 edges 9 vertices B. True for each C. Cube :square, square, square, Triangular pyramid: small triangle, medium triangle, large triangle, Octahedron: small square, medium square, small square, Hexagonal pyramid: small hexagon, medium hexagon, large hexagon, Triangular prism: small rectangle, medium rectangle, large rectangle, Hexagonal prism: small rectangle, medium rectangle, small rectangle, Cone: small circle, medium circle, large circle, Cylinder: circle, circle, circle

Page 158 A. Did you make the nets???

Page 159 B. 1, 8, 27, 64, 125, 216, 512, 729, 1,000 C. 1. (a) 12 blue (b) 21 red (c) 21 green 2.(a) 6 (b) 12 (c) 8 (d) 1 D. 1. cone 2. octahedron 3. cylinder 4. (square) pyramid 5. cylinder 6. cubes 7. prism 8. cuboid E. 1. Heptagonal prism Heptagonal pyramid

NEW WAVE MENTAL MATHS 6 WEEK 31

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
|  | 4 | True | 4 | -2 | 3 |
|  | 1 | 8 faces,  12 edges,  6 vertices | 1,1 | 1.25 | 3 |
|  | 360 | 3 | 3,4 | - | 5.10 |
|  | -4 | +5 | 1.1 | 0.3 | False |
|  | 6.00 | 300,000 | 130 | 20 | 295 |
|  | false | 45 | 64 | 945 | 4/15 |
|  | 253 | Right | 80 | 0 | 10 |
|  | 6.96 | 250 | 375 | 3/6 0r ½ | 420,000 |
|  | 5 | 66 | 4.4 | 4.6 | ⅔ |
|  | 2 | Cube | 96 | 410 | 225 |
|  | No | 36 | 1.1 | False | Cube |
|  | 25 | No | Cube | A,B | 140 |
|  | 24 | Yes | 3/6 0r ½ | X | True |
|  | - | 54 | 7 | 8 | 24 |
|  | 06 | - | Feb | Yes | - |
|  | 3.1 | 6.1 | June | 100 | 8 faces  12 edges  6 vertices |
|  | - | Metre stick | Jan | 150 | Reflex |
|  | 0.50 ( ¼ ) | 09 | 10 | 2.1 | 3 |
|  | 66 | 900,000 | April/May | Cube | - |
|  | 46 | 3,600,000 | May | 4 | 16 |
|  |  |  |  |  | 4,4 |
|  |  |  |  |  | 1,2 |
|  |  |  |  |  | 29,700,000 |
|  |  |  |  |  | 360 |
|  |  |  |  |  | ⅜ |

**ENGLISH**

Word Wise 6 Poetry

A

1. It is about the shapes the clouds make in the sky.
2. Ten animals were mentioned in the poem.
3. The lion turned into rain.
4. The wind is compared to the ring master who cracks the whip.
5. Blue, white and grey are mentioned in verse two.
6. Verse three is describing very heavy, large, fluffy, clouds and the mist is so thick you can’t see through it - like mud.
7. I like the description of the prancing grey mares with their beautiful heads held high as it reminds me of the grey clouds racing across the sky.
8. The animals disappeared when the sun came out.
9. **anima**l clouds, **blue,** **shaggy white, prancing gray, beautiful, soft – footed, fluffy, great, purple and puffy, mud- coloured, small curly, wrinkled,**
10. You do this.

B

|  |
| --- |
| 1. Gun –one |
| 1. Bears – mares |
| 1. Fluffy – puffy |
| 1. Humps – bumps |
| 1. Mane – rain |
| 1. Sun – one |

|  |  |
| --- | --- |
| 1. Cracked – tracked | 1. Flashed – crashed |
| 1. Marched - starched | 1. Prancing – dancing |
| 1. Wallowed -swallowed | 1. Wrinkled – sprinkled |
| 1. Tumbled - stumbled | 1. Growled – prowled |

C

|  |  |
| --- | --- |
| 1. Injury | 1. Coventry |
| 1. Skeleton | 1. anchor |
| 1. crocodile | 1. fly |
| 1. casual | 1. ox |
| 1. eel | 1. monkey |

CLAUSES

A

1. The messenger arrived and delivered the package.
2. The boy hurt himself badly and had to be taken to hospital.
3. My father praised me because I did well in my test.
4. The crowd rushed forward when the shop doors opened.
5. The woman waved frantically to get eh attention of the bus driver.
6. As the girl approached the house she saw her mother there to welcome her home.
7. The teenager hurt herself badly and had to have her arm amputated.
8. The soldiers hid in the wood and waited for the enemy to pass by.
9. The unhappy scholar said that all that he learned was in vain as he did not learn the correct material for the test.
10. We saw the train from the platform but it never stopped.

B

1. I was in a bus that collided with a train.
2. The man could hardly walk because he carried a heavy load.
3. A loud peal of thunder came which frightened us.
4. The fisherman caught a salmon, then sold it to a restaurant.
5. The lady was careless as she lost her purse.
6. I work hard at my lessons as I want to succeed.
7. When they were gazing out the window they saw a crowd.
8. The tourist climbed the hill despite it being steep.
9. The man was poorly dressed so I gave him money.
10. My sister has a good voice so she sings in the choir.

C

1. She is a very intelligent woman.
2. We heard that he was lost.
3. I can tell you her age.
4. The woman lives in a very big house.
5. He spoke to the wounded soldier.
6. He asked for the dictionary.
7. I got up at sunrise.
8. He asked where I lived.
9. I have made a mistake.

RHYMING WORDS

A

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. spire | 1. butt | 1. brawl | 1. cuff | 1. numb |
| 1. serene | 1. freight | 1. unique | 1. feign | 1. supreme |

B

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. ambition | 2. congregation | 3. philately | 4. survivors | 5. obsolete |
| 6. penniless | 7. visible | 8. pedestrians | 9. hibernate | 10. uninhabited |

C

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. broken | 1. did | 1. taught | 1. prettier | 1. college |
| 1. quickly | 1. was | 1. raise | 1. saw | 1. may |