*Word problems – 6TH Class*

1. Molly got 4,459 votes in the last election. Cillian got 1,037 votes more than Molly.
2. How many votes did Cillian get? (b) Who was elected? (c) How many people voted?
3. Mia and Rebecca share a phone. Last year their phone company offered them 1,000 free text messages. All extra text messages cost 1c each. How much did they have to pay if Mia sent 845 messages and Rebecca sent 762 messages?
4. Ava has a collection of 2,350 photos. Samantha has 80 photos more than Ava. Tony has 110 photos more than Samantha. How many photos have they altogether?
5. Siobhán walks to school every day if it is dry. Last year, Siobhán walked to school 134 days out of 181. How many rainy school days were there?
6. Tommy collected 389 swap cards. 267 of them were football cards and the rest were wrestling cards. How many wrestling cards did he have?
7. Mr Page read 678 pages of his book. There are 910 pages in the book. How many pages has he left to read?
8. Tom downloaded 456 songs to his music player. 120 of these were pop songs, 228 were Irish songs and the rest were ballads. How many ballads did he download?
9. 380 tourists arrived on an island. 154 of them are captured by pirates. How many tourists escaped from the island?
10. There are 289 coconut trees on an island. They collected a coconut from all but 113 trees. How many coconuts did they collect?
11. A treasure chest holds 800 pieces of silver and gold. 426 of the pieces are silver. How many are gold?
12. The pirates made one captured tourist walk the plank. The plank was 389cm long. He walked 176cm. How many more centimetres would he need to walk before he fell off?
13. Captain Jolly owns 3 ships, each with 42 pirates. If 30 pirates rowed ashore, how many are left on the ship?
14. The merchants shop took €5,000 in notes and coins. €3,230 of this was notes. What was the value of the coins?
15. The coffee counter sells tea, coffee and hot chocolate. One thousand hot drinks were sold. How many people bought coffee if 125 bought hot chocolates and 358 teas were bought?
16. Ben scored 3,890 points on his computer on Monday and 2,756 on Tuesday. On Wednesday he lost 2,400 points. (a) What is his total score so far? (b) What’s the difference between Ben’s score and his friend’s score of 3,879 points? (c) Who got more points: Ben or his friend?
17. Andy is reading a book that has 1,300 pages. He read 167 pages in the morning and 113 in the afternoon. How many more pages has he left to read?
18. Sam has 1,670 cards. This morning he won another 167 cards from his friend, but then he lost 87. How many cards does he have now?
19. Tara invited four of her friends to her birthday party. Into how many equal pieces should the cake be divided into (don’t forget Tara).
20. If Tara wished to give everyone two pieces of cake, into how many equal pieces should she cut it?
21. If you were one of Tara’s guests who loves cake which would you prefer: one piece of cake when the cake was cut into five equal parts or two pieces of cake when the cake was cut into 10 equal pieces?
22. Two cakes were baked for a party for 20 people. Into how many pieces should each cake be cut so that each person gets one piece of cake and there is none left over?
23. A firework display used 8 packs of 32 Roman candles. How many fireworks went off if 2 Roman candles failed to light?
24. Nicole reads 24 pages of her book every night. How many pages has she left to read if the book has 200 pages and she has been reading it for one week?
25. Fulvio loves the number 10. Yesterday he ate 10 pancakes, each weighing 15g. What was the total weight of the pancakes he ate?
26. Fulvio read 10 pages of his book every night. How many pages were in the book if it took him 2 weeks to finish it?
27. When Fulvio grew up, he got a job as a fireworks artist. How many fireworks did he bring to his first show if he needed 10 camels and each camel carried 50 fireworks?
28. How many legs are there in a field where the shepherd and his dog are minding 62 sheep?
29. The postman delivered 4 bags of letters, each with 280 letters. How many letters did he deliver?
30. There are 85 €5 notes and 24 €10 notes in a till. What is the value of the money in the till?
31. A tightrope is 670cm long. How far did the tight rope walker walk of the tightrope if he crossed it 6 times?
32. Nuala bought an antique for €165. She sold is some years later for 5 times the price she paid for it. (a) For how much did she sell it? (b) How much money did she make on the deal?
33. Gwen is preparing bags for Halloween. She puts 4 items in each bag. How many bags can she fill if she has 48 items?
34. A telephone answering machine has 2 minutes of recording time left. How many messages can be left on the machine if a message is 20 seconds long?
35. A taxi can carry 4 passengers. How many taxis are needed to take 17 people to a party?
36. A battery charger can charge up to 4 batteries at a time. It takes 25 minutes for the batteries to fully charge, even if there is only one battery in the charger.
37. How long will it take to charge 10 batteries (b) how many batteries can I fully charge in two hours?
38. Tim has a box with 52 oranges. He sells them in bags of 6 at €2 a bag. Tim sold all the oranges. The lucky last customer also got any remaining oranges for free.
39. How many oranges did the last customer get?
40. How many customers were there?
41. How much money did Tim make altogether?
42. A memory card holds 500 megabytes. If 385 megabytes have been used, how many more photos will the card hold if each photo needs 10 megabytes?
43. A ferry can carry 3 cars at a time across a river. How many times will it cross the river in order to carry 28 cars from Rivertown to Watertown?