Answers - Numbers to 20 and counting

Year: Year 1

Answer to Question 1

a. Touch and count: 1, 2, 3, 4. There are **4**.
b. Count: 1, 2, 3 ... 9. There are **9**.
c. Count: 1, 2, 3 ... 13. Ten in the top row and 3 more. There are **13**.
d. Count: 10 in the top row and 7 more. There are **17**.

Answer to Question 2

a. 3 is written **three**.
b. 8 is written **eight**. Remember the silent g and h: e-i-g-h-t.
c. 12 is a special teen number: **twelve**. It does not end in -teen.
d. 15 is ten and five, but we write **fifteen**, not fiveteen.
e. 20 is two tens: **twenty**.

Answer to Question 3

a. The word five is the number **5**.
b. The word eleven is the number **11**.
c. The word fourteen is the number **14**.
d. The word eighteen is the number **18**.
e. The word zero is the number **0**.

Answer to Question 4

a. Count on 1 from 6: 7. The answer is **7**.
b. One more than 14 is **15**.
c. One less than 10 is **9**.
d. One less than 20 is **19**.
e. One less than 1 is **0**.

Answer to Question 5

a. 4, 5, 6, 7. You land on **7**. Check: 3 + 4 = 7.
b. 9, 10, 11, 12, 13. You land on **13**.
c. 13, 14, 15, 16, 17, 18. You land on **18**.

Answer to Question 6

a. The numbers go up by 1. After 5 comes **6**.
b. After 12 comes **13**.
c. Counting back: 17, 16, then **15**, 14.
d. Counting back: 20, 19, 18, then **17**, 16.
e. The number before 9 is **8**.

Answer to Question 7

a. There are **6** teddy bears.
b. The numbers are 6, 8 and 5. The biggest is 8, so the **middle shelf** (toy cars) has the most.
c. The smallest is 5, so the **bottom shelf** (puzzles) has the fewest.
d. One more than 5 is 6. There are **6** puzzles now.

Answer to Question 8

a. The question tells us Leo has **11** balloons altogether (4 red and 7 blue).
b. 11 is a special number word: **eleven**.
c. One balloon pops, so we find one less. One less than 11 is **10** balloons.
d. One more balloon means we count on 1 from 10. One more than 10 is **11**, so Leo is back to 11 balloons.

Answer to Question 9

a. The baker puts **12** buns in the tray at the start.
b. The first child buys 1 bun, so we find one less than 12: count back 1 to **11** buns.
c. The second child buys 1 more, so we find one less than 11: **10** buns are left.
d. There are exactly 10 buns, so the number is **neither more nor less than 10**: it is equal to 10.

Answer to Question 10

a. 14 is the biggest number. The **swings** have the most.
b. 7 is the smallest number. The **climbing frame** has the fewest.
c. **7, 9, 14**.
d. Fewer than 10 means 9 or 7. The **slide** and the **climbing frame**.

Answer to Question 11

a. Compare 13, 10 and 16. All have 1 ten, so look at the ones: 6 is the most. 16 is the biggest, so there are most **plums**.
b. There are 10 pears, and 10 is written **ten**.
c. Selling one apple means one less than 13. Count back 1: **12** apples are left.
d. 10 has 0 ones, 13 has 3 ones and 16 has 6 ones, so the order is **10, 13, 16**.

Answer to Question 12

a. Count back one at a time from 15: **15, 14, 13, 12, 11**.
b. One fish is gone, so we find one less than 15: **14** fish are left.
c. Count back 4 from 15: 14, 13, 12, 11. There are **11** fish left.
d. Nothing left means no fish at all. The number for nothing is **0** (zero).

Answer to Question 13

a. The question tells us the Blue group has **12** books.
b. Only 18 comes after 15 when we count, so the **Green group** has more than 15 books.
c. Only 8 comes before 10 when we count, so the **Red group** has fewer than 10 books.
d. 8 is **eight**, 12 is **twelve** and 18 is **eighteen**.

Answer to Question 14

a. Compare 7, 11 and 15. 15 comes last when we count, so it is the biggest. **Priya** has the most stars.
b. 7 comes first when we count, so it is the smallest. **Anna** has the fewest stars.
c. Jay has 11 stars, and 11 is written **eleven**.
d. One more than 15 means count on 1: Priya now has **16** stars.

Answer to Question 15

a. The missing numbers are **3** and **8**.
b. The other two are **13** and **18**.
c. The numbers are 3, 8, 13 and 18. The biggest is **18**.
d. Yes. 3, 8, 13 and 18 are all smaller than 20. **Hamza is right.**

Answer to Question 16

a. 16 is biggest. **Row 4**.
b. Smallest to biggest: **6, 9, 13, 16**.
c. The longest row has 16. One less is **15**.
d. The numbers bigger than 10 are 13 and 16. That is two rows. **Yes, she is right.**

Answer to Question 17

a. 11, **12**, 13. The number is **12**.
b. One more than 17 is **18**.
c. One less than 15 is **14**.
d. Between 18 and 20 is **19**. It has the digits 1 and 9, so two digits.

Answer to Question 18

a. **14** spaces.
b. 15, 16, 17. There are **17** cars.
c. From 17 count on: 18, 19, 20. That is 3 steps, so **3** spaces are left.
d. No. Only 3 spaces are left and 4 is more than 3. **No, they cannot all park.**

Answer to Question 19

a. Sam said 8 and then 6. When we count back, 7 comes between 8 and 6, so he forgot **7**.
b. Say every number going back by 1 each time: **10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0**.
c. One less than 1 is **0**, which we write as the word **zero**. Then the rocket blasts off!

Answer to Question 20

a. **10** pencils.
b. 11, 12, 13, 14, 15, 16, 17, 18. That is 8 steps. The blue pot has **8** pencils.
c. 10 is more than 8. The **red pot** has more.
d. 8 and 2 more: 9, 10. The blue pot now has **10** pencils.

Answer to Question 21

a. The frog starts on 5 and hops 2 each time: **5, 7, 9, 11**.
b. The frog lands on 5, 7, 9, 11, 13, 15, 17, 19. The number 12 is not in the list. **No.**
c. From 5: 7 (1 hop), 9 (2), 11 (3), 13 (4), 15 (5), 17 (6). **Yes**, after 6 hops.

d. Start on 6: 8, 10, 12. **Yes**, the frog lands on 12 after 3 hops.

Answer to Question 22

a. You can make **14** and **41**.
b. 41 is bigger. 41 has 4 tens and 14 has only 1 ten. **41 is bigger.**
c. The smaller number is 14, which is **fourteen**.
d. Twenty is written 20, so the **2** goes first and the 0 goes second.