WONDERLEARNERZ PRIMARY ACADEMY â€" OFFICIAL ANSWER KEY & MARKING SCHEME

Counting and Grouping - Worksheet 9 [ANSWER KEY]

Grade 2 | Mathematics | Ch 1: Counting and Grouping | Total Marks: 19 | Time: 35 Minutes

Q1. How many objects are there in 7 equal groups of 2? [1 Mark]

Correct Answer: 14

Explanation: 7 groups of 2 = 7 x 2 = 14.

Q2. Skip count by 2s: What number comes after 12? [1 Mark]

Correct Answer: 14

Explanation: Adding 2 gives 14.

Q3. Which grouping represents equal groups? [1 Mark]

Correct Answer: 3 groups of 4 balls

Explanation: Equal groups have the exact same number of items in every single group.

Q4. If you count in 2s from 10, which number do you say next? [1 Mark]

Correct Answer: 12

Explanation: 10 + 2 = 12.

Q5. Farmer Ben packed eggs into 7 cartons with 2 eggs in each carton. How many eggs did he pack in all? [1 Mark]

Correct Answer: 14 eggs

Explanation: 7 cartons x 2 eggs = 14 eggs.

Q6. A baker made 14 cookies and put them into bags of 2. How many equal bags did she make? [1 Mark]

Correct Answer: 7 bags

Explanation: 14 divided by 2 = 7 bags.

Q7. In gym class, 14 students formed teams of 2. How many complete teams were formed? [1 Mark]

Correct Answer: 7 teams

Explanation: 14 / 2 = 7 teams.

Q8. Complete the skip counting pattern: 2, 4, [?], 8. [1 Mark]

Correct Answer: 6

Explanation: The pattern counts in 2s. Missing term is 6.

Q9. Find the missing number of groups: [?] groups of 2 = 14. [1 Mark]

Correct Answer: 7

Explanation: 7 x 2 = 14.

Q10. Maya has 3 piles of 5 marbles and 1 pile of 4 marbles. She says: 'I have 4 equal groups of 5.' Why is Maya wrong? [1 Mark]

Correct Answer: One pile has only 4 marbles, so the groups are not all equal

Explanation: For groups to be equal, every single group must contain the exact same quantity.

Q11. A student skip-counted by 5s: '5, 10, 15, 22, 25.' What mistake did the student make? [1 Mark]

Correct Answer: He wrote 22 instead of 20

Explanation: 15 + 5 = 20, not 22.

Q12. Why is counting 14 coins in groups of 10 faster than counting one-by-one? [1 Mark]

Correct Answer: Grouping allows counting large amounts in tens and prevents losing your place

Explanation: Grouping objects speeds up counting and reduces recounting mistakes.

Q13. Can 15 counters be arranged into 2 equal groups with none left over? **[1 Mark]**

Correct Answer: No, because 15 is an odd number so 1 counter will be left over

Explanation: 15 divided by 2 gives 7 with a remainder of 1.

Q14. Farmer Sam has some apples. When he groups them in 5s, he has none left over. **[1 Mark]**

When he groups them in 2s, he has none left over. Which of these could be his count?

Correct Answer: 30

Explanation: A number that can be grouped in both 2s and 5s must end in 0. 30 ends in 0.

Q15. There are 3 boxes. Box A has 2 bags of 5 candies. Box B has 1 bag of 10 candies. **[1 Mark]**

Box C has 5 bags of 2 candies. Which box has the most candies?

Correct Answer: All three boxes have the exact same amount (10 candies)

Explanation: 2 x 5 = 10, 1 x 10 = 10, and 5 x 2 = 10. All three have 10 candies.