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

# Counting and Grouping - Worksheet 10 [ANSWER KEY]

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

**Q1. How many objects are there in 8 equal groups of 5?** [1 Mark]

**Correct Answer: 40**

*Explanation: 8 groups of 5 = 8 x 5 = 40.*

**Q2. Skip count by 5s: What number comes after 35?** [1 Mark]

**Correct Answer: 40**

*Explanation: Adding 5 gives 40.*

**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 8 cartons with 5 eggs in each carton. How many eggs** did he pack in all? [1 Mark]

**Correct Answer: 40 eggs**

*Explanation: 8 cartons x 5 eggs = 40 eggs.*

**Q6. A baker made 40 cookies and put them into bags of 5. How many equal bags did she** make? [1 Mark]

**Correct Answer: 8 bags**

*Explanation: 40 divided by 5 = 8 bags.*

**Q7. In gym class, 40 students formed teams of 5. How many complete teams were formed?** [1 Mark]

**Correct Answer: 8 teams**

*Explanation: 40 / 5 = 8 teams.*

**Q8. Complete the skip counting pattern: 5, 10, [ ? ], 20.** [1 Mark]

**Correct Answer: 15**

*Explanation: The pattern counts in 5s. Missing term is 15.*

**Q9. Find the missing number of groups: [ ? ] groups of 5 = 40.** [1 Mark]

**Correct Answer: 8**

*Explanation: 8 x 5 = 40.*

**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 40 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.*