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

Place Value: Tens and Ones - Worksheet 2 [ANSWER KEY]

Grade 2 | Mathematics | Ch 3: Place Value: Tens and Ones | Total Marks: 19 | Time: 35 Minutes

Q1. In the number 45, what is the place value of the digit 4? [1 Mark]

Correct Answer: 40

Explanation: The digit 4 is in the tens place, so its value is 40.

Q2. Break 45 into tens and ones: [1 Mark]

Correct Answer: 4 tens and 5 ones

Explanation: 45 has 4 tens and 5 ones.

Q3. What number is formed by 4 tens and 0 ones? [1 Mark]

Correct Answer: 40

Explanation: 4 tens + 0 ones = 40.

Q4. What is the standard form of 40 + 5? [1 Mark]

Correct Answer: 45

Explanation: 40 + 5 = 45.

Q5. A toy shop packaged marbles into 4 bags of 10 and had 5 loose marbles. How many marbles were there altogether? [1 Mark]

Correct Answer: 45 marbles

Explanation: 4 tens = 40. Adding 5 ones gives 45 marbles.

Q6. A school bus has 45 seats. How many groups of 10 passengers can sit in full rows, and how many are left over? [1 Mark]

Correct Answer: 4 groups of 10 with 5 left over

Explanation: 45 = 4 tens and 5 ones.

Q7. Priya collected 45 stickers in her album. If she gives away 5 stickers, how many full sheets of 10 will she have? [1 Mark]

Correct Answer: 4 sheets of 10

Explanation: 45 - 5 = 40, which is exactly 4 sheets of 10.

Q8. Complete: [?] tens + 5 ones = 45. [1 Mark]

Correct Answer: 4

Explanation: The tens digit in 45 is 4.

Q9. Fill in the blank: 40 + [?] = 45. [1 Mark]

Correct Answer: 5

Explanation: 40 + 5 = 45.

Q10. Tom looked at 45 and said: 'The digit 4 is only worth 4.' What was Tom's mistake? [1 Mark]

Correct Answer: He gave the face value instead of the place value (which is tens)

Explanation: Because 4 sits in the tens column, its value is 40.

Q11. A student wrote 'sixty-two' as 602. What error did the student make? [1 Mark]

Correct Answer: They wrote 60 instead of putting 6 in the tens place

Explanation: Sixty-two is 62. Writing 602 places 6 in the hundreds place.

Q12. Why is 45 greater than 35? [1 Mark]

Correct Answer: Because its tens digit has a higher place value

Explanation: When comparing 2-digit numbers, the tens place is compared first.

Q13. If you have 10 tens rods, what new single unit can you trade them for? [1 Mark]

Correct Answer: 1 Hundred flat

Explanation: 10 tens = 100 = 1 hundred flat.

Q14. I am a 2-digit number with tens digit 4. The sum of my digits is 9. What number am I? **[1 Mark]**

Correct Answer: 45

Explanation: Tens digit = 4. Ones digit = 9 - 4 = 5. Number is 45.

Q15. How many tens are there in 94? **[1 Mark]**

Correct Answer: 9 tens

Explanation: 94 consists of 9 tens and 4 ones.