Number Properties: Easy Practice Paper 6

Q1. Ella has 12 counters. She arranges all of them in equal rows to make a rectangle. Which of these arrangements is NOT possible?

A. 2 rows of 6

B. 3 rows of 4

C. 1 row of 12

D. 5 rows of 2

E. 4 rows of 3

Q2. Four of these numbers are the same kind of number. Which one is the odd one out?

A. 9 *B.* 16 *C.* 30 *D.* 25 *E.* 36

Q3. Tia adds three odd numbers together. What can she say about her answer?

A. It is always odd

B. It is always even

C. It is sometimes odd and sometimes even

D. It is always a multiple of 3

E. It is always a prime number

Q4. Which pair of numbers is a factor pair of 24?

A. 2 and 14 *B.* 3 and 8 *C.* 4 and 8 *D.* 5 and 5 *E.* 6 and 6

Q5. The factors of 18, written in order, are 1, 2, 3, □, 9, 18. Which number is missing?

A. 4 *B.* 5 *C.* 7 *D.* 8 *E.* 6

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Q6. A class counts aloud from 1. They clap on every multiple of 3 and stamp on every multiple of 4. What is the first number on which they clap and stamp together?

A. 6 *B.* 7 *C.* 8 *D.* 12 *E.* 24

Q7. Which of these lists contains only prime numbers?

A. 2, 3, 5, 9

B. 1, 2, 3, 5

C. 3, 5, 7, 11

D. 5, 7, 11, 15

E. 2, 4, 6, 8

Q8. Dots are arranged in a square with 3 dots along each side, making 9 dots. How many more dots are needed to make the next bigger square, with 4 dots along each side?

A. 1 *B.* 4 *C.* 9 *D.* 16 *E.* 7

Q9. Why is 1 not a prime number?

A. Because it is an odd number

B. Because it is too small

C. Because it has only one factor

D. Because it is a square number

E. Because it cannot be divided by anything

Q10. How many even numbers are there between 11 and 21?

A. 4 *B.* 5 *C.* 6 *D.* 9 *E.* 10

Q11. Which number is a factor of every whole number?

A. 1 *B.* 0 *C.* 2 *D.* 10 *E.* 100

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Q12. Numbers have been sorted into the table. One number is in the wrong box. Which number is it?

	Multiple of 5	**Not a multiple of 5**
Even	10, 30	12, 25
Odd	15, 45	7, 21

A. 10 *B.* 12 *C.* 45 *D.* 25 *E.* 21

Q13. Which of these numbers leaves a remainder of 2 when it is divided by 5?

A. 20 *B.* 25 *C.* 41 *D.* 54 *E.* 32

Q14. 8 is a cube number because 2 × 2 × 2 = 8. What is the next cube number after 8?

A. 9 *B.* 12 *C.* 16 *D.* 27 *E.* 64

Q15. The number 15 can be made by multiplying two prime numbers together. Which two?

A. 1 and 15 *B.* 3 and 5 *C.* 2 and 7 *D.* 3 and 7 *E.* 5 and 5

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