

Name: \_\_\_\_\_ **Global Maths Unit 3 & 4 Review Questions**

**1–3.** Write the next number in the sequence **AND** circle the rule.

- |                      |       |            |            |    |
|----------------------|-------|------------|------------|----|
| 1. 30, 27, 24, _____ | Rule: | -2         | -3         | +3 |
| 2. 8, 16, 24, _____  | Rule: | +4         | +6         | +8 |
| 3. 3, 6, 12, _____   | Rule: | $\times 2$ | $\times 3$ | +3 |

**4–5.** Make a sequence of **5 numbers** that follows the rule and uses **negative AND positive numbers**.

4. Rule: +3

→ \_\_\_\_\_

5. Rule: -5

→ \_\_\_\_\_

**6 - 7.** Write the **common multiple**:

6. Bao counts in sevens (+7) starting at 7, and Ha counts in fives (+5) starting at 5. What is the first number they both say after 20? \_\_\_\_\_

7. Nam counts in fours (+4) starting at 4, and Mai counts in threes (+3) starting at 3. What is the first number they both say? \_\_\_\_\_

**8–12.** Write the value of the **squared numbers**:

- |                   |                   |
|-------------------|-------------------|
| 12. $3^2 =$ _____ | 13. $6^2 =$ _____ |
| 13. $8^2 =$ _____ | 15. $9^2 =$ _____ |

**13.** Match the words to the definitions:

Prime numbers:                      Numbers that have exactly 2 factors.

Composite numbers:                Numbers that have more than 2 factors.

**14.** Circle the prime numbers:

48    41    62    19    73    99    57

**15. Write ALL the factors of the following numbers:**

a. 24: \_\_\_\_\_

b. 28: \_\_\_\_\_

c. 36: \_\_\_\_\_

**16. Match the words to the definitions:**

Median:            The middle value in a sorted list of numbers.

Mode:             The number that appears most often.

**17. Write the mode of these sets of numbers:**

a. 4, 8, 6, 4, 7, 8, 4 → Mode: \_\_\_\_\_

b. 10, 12, 10, 14, 15, 10, 16 → Mode: \_\_\_\_\_

**18. Put the numbers in order and write the median of each set:**

a. 145, 150, 155, 140, 160

Ordered: \_\_\_\_\_

Median: \_\_\_\_\_

b. 0.2, 0.5, 0.8, 0.1, 0.4

Ordered: \_\_\_\_\_

Median: \_\_\_\_\_

**19. Minh has these test scores:** 70, 85, 80, 85, 90.

What is the **mode** and **median** of his scores?

Which one better shows his average score? Explain your answer.

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