

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.
