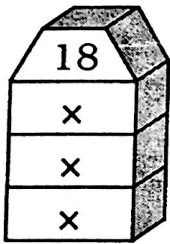
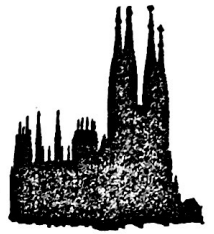
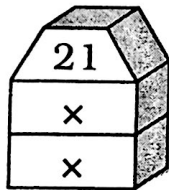


Factor Towers

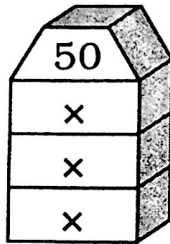
Write a pair of factors in each "story" of the factor tower. Count the number of different factors and write this number in the blank. Then answer the questions below.



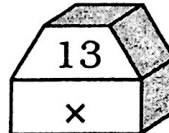
Number of factors _____



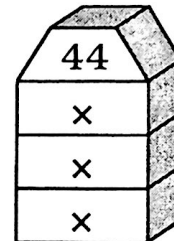
Number of factors _____



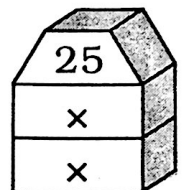
Number of factors _____



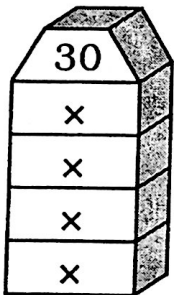
Number of factors _____



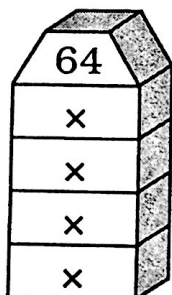
Number of factors _____



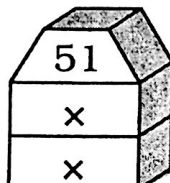
Number of factors _____



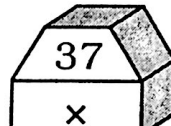
Number of factors _____



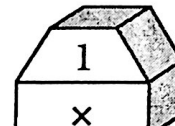
Number of factors _____



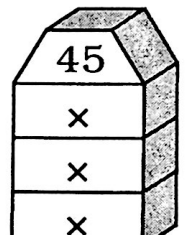
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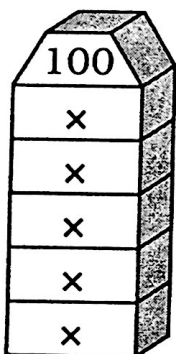
Number of factors _____



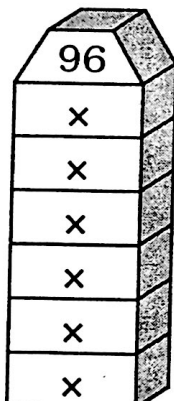
Number of factors _____



Number of factors _____



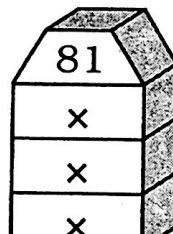
Number of factors _____



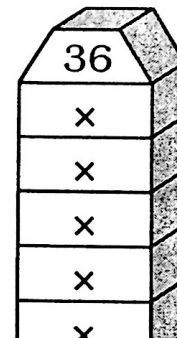
Number of factors _____



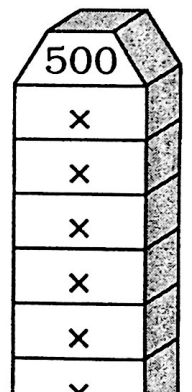
Number of factors _____



Number of factors _____



Number of factors _____



Number of factors _____

1. Numbers that are multiplied to form a product are called _____.
2. Which of the "tower numbers" have exactly two factors? _____
3. Numbers that have exactly two factors are called _____ numbers.
4. Numbers that are squares of integers are called _____.
5. Which of the "tower numbers" have an odd number of factors? _____
6. Numbers that have an odd number of factors are _____.
7. List all the prime numbers less than 20: _____
8. List all the perfect squares less than 101: _____