NUMBER SORT

Write the counting numbers 1–20 in the appropriate region for each of the three diagrams below.

1. Primes
   Multiples of three
   Multiples of two

2. Odd numbers
   Perfect squares
   Multiples of three

3. Factors of 36
   Multiples of four
   Factors of 48
1. Write at least one number in each of the seven sections.

2. Describe set A. _________________________________

3. Describe set B. _________________________________

4. Describe set C. _________________________________

5. Describe the intersection of sets A and C. _________________________________

6. Describe the intersection of sets B and C. _________________________________

7. What numbers belong in the intersection of sets A and B? _________________________________

8. What numbers belong in the intersection of sets A and B and C? _________________________________
1. Write at least one number in each of the seven sections.

2. Describe set A.

3. Describe set B.

4. Describe set C.

5. What is the lowest three-digit number that could be placed in the intersection of B and C?

6. What is the lowest three-digit number that could be placed in the intersection of A and B?
CHOOSE THE REGION

Write the letter of the region where each whole number belongs.

1. Whole Number | Region
---|---
Example 3 | F
Example 5 | H
1 | __
2 | __
3 | __
4 | __
5 | __
6 | __
7 | __
8 | __
9 | __
10 | __
11 | __
12 | __

2. Whole Number | Region
---|---
1 | __
2 | __
3 | __
4 | __
5 | __
6 | __
7 | __
8 | __
9 | __
16 | __
18 | __
25 | __
The Sieve of Eratosthenes

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