1. On your 100 grid, highlight all the prime numbers.

2. Are the following statements *true* or *false*? Explain your answer.
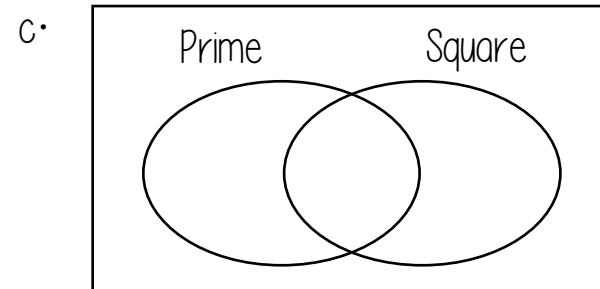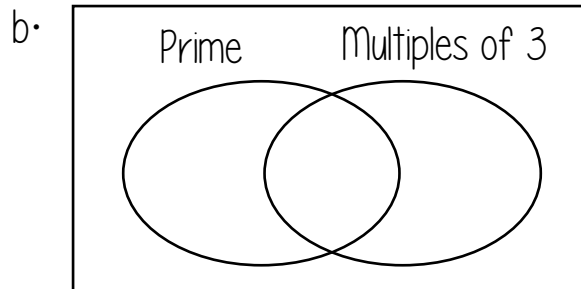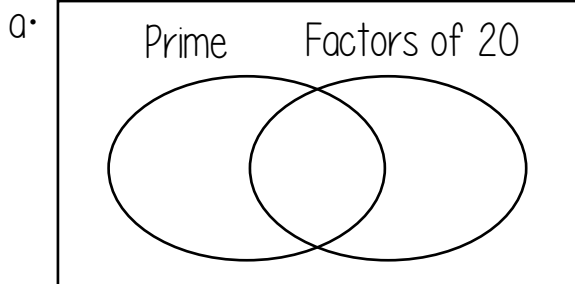
a. 2 the only even prime number

b. 1 is a prime number

b. A number can be both square and prime

d. The sum of two prime numbers is always even

3. Copy each diagram, then place the numbers 1 to 20 into each Venn diagram.

a.

Prime   Factors of 20

b.

Prime   Multiples of 3

c.

Prime   Square

4. Find two prime numbers which have a...

a. ...sum of 8

b. ...sum of 84

c. ...difference of 6

d. ...difference of 12

e. ...sum that is a square number

f. ...product of 77

5. Use divisibility rules to decide if the following numbers are prime

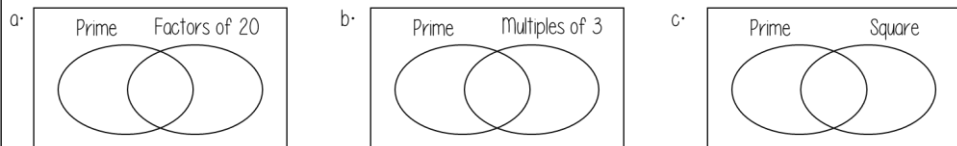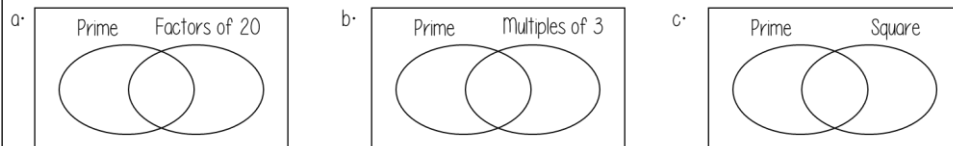a.   111   b.   157   c.   182   d.   163   e.   141   f.   129

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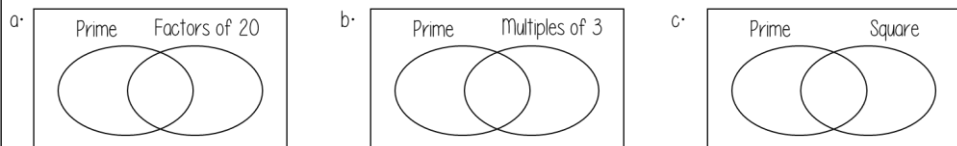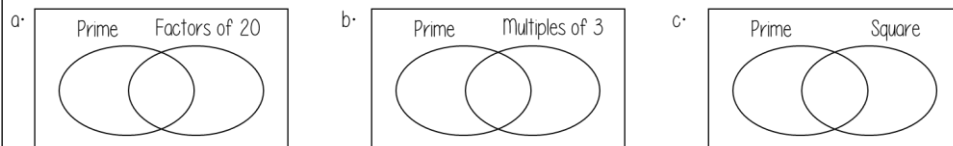5. Use divisibility rules to decide if the following numbers are prime

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