Description of Investigation and Student Report

Be an Investigator

Look at the Venn diagram and the statements that go with it. Fill in the blanks in the statements. Then make a Venn diagram, write statements for it with blanks, and tell how the blanks should be filled in.

Statements

1. If a number is even and a multiple of three but not a multiple of five, it should go in Region _________________________________.

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2. If a number is even and not a multiple of three or five, it should go in Region ____________ _______________________________________________________.

3. If a number is even, a multiple of three, and a multiple of five, it should go in Region _____________________________________________________________________.

4. If a number is odd and a multiple of three and five, it should go in Region _____________________________________________________________________.

5. If a number is odd and a multiple of five but not three, it should go in Region _____________________________________________________________________.

This is how I filled in the statements about the Venn diagram.

1. If a number is even and a multiple of three but not a multiple of five, it should go in Region _____________________________________________________________________.

2. If a number is even and not a multiple of three or five, it should go in Region _____________________________________________________________________.

3. If a number is even, a multiple of three, and a multiple of five, it should go in Region _____________________________________________________________________.

4. If a number is odd and a multiple of three and five, it should go in Region _____________________________________________________________________.

5. If a number is odd and a multiple of five but not three, it should go in Region _____________________________________________________________________.

This is my Venn diagram and statements to go with it:

__________________________________________________________________
__________________________________________________________________
__________________________________________________________________