

# Drawing Conclusions

Jackie had some marbles and put all of them into *three* boxes marked *A*, *B*, and *C*. Decide if the statement is true (T) or false (F).

## Statement 1

If Jackie put the same number of marbles in each box, then the total number of marbles **must** be even.

T                  F

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## Statement 2

If Jackie put an even number of marbles in each box, then the total number of marbles **must** be even.

T                  F

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## Statement 3

If Jackie put an odd number of marbles in each box, then the total number of marbles **must** be odd.

T                  F

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## Statement 4

If Jackie started with an even number of marbles, then she **could not** have put the same number of marbles in each box.

T                  F

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## Statement 5

If Jackie put a different number of marbles in each box, the total number of marbles **must** be odd.

T                  F