



Word Problem/Practical Problem on Sets

Total points **3/5** ?

The respondent's email () was recorded on submission of this form.

0 of 0 points

Name *

.....

Section *

Problem

3 of 5 points

A survey of 500 television viewers produced the following information: 300 watch football, 200 watch hockey, 120 watch basketball, 50 watch football and basket ball, 70 watch football and hockey, 40 watch hockey and basketball, 10 do not watch any of the three games. Answer the following questions based on this information.

✓ Q1 The number of viewers, who watch all the three games, is * 1/1

25

30

45



✓ Q2. The number of viewers, who watch football and basketball, but not hockey, is * 1/1

20 ✓

30

40

✓ Q3. The number of viewers, who watch at least one of the three games is 1/1 *

470

480

490 ✓

✗ Q4. The number of viewers, who watch exactly two games, is * 0/1

70

80 ✗

90

Correct answer

70



✘ Q5. The number of viewers, who watch football only, is *

0/1

200

✘

190

210

Correct answer

210

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