MINI-WORKSHOP IN TEST MARKING

The following three questions comprise a mock test written by three students of 'your' class.

(Marks per question)

(3) 1. Find 73 x 3659

(4) 2. A car which gets 9 km to the litre travels 957.5 km. How many litres are used in the trip? (give answer to one decimal place)

(3) 3. If 28 hockey sweaters cost $196.00, how much will 9 sweaters cost ?

Here is a thumb-nail sketch of 'your' three students

Harry B.
- rough and ready
- a nuisance in class
- seldom does homework
- does "slip-shod" work in class

Mary S.
- tries hard, but not very successful in school
- in an interview her mother said that she herself had always hated math and suspects that's why Mary doesn't do well

Brent D.
- well mannered
- scores high on I.Q. tests
- can make rapid calculations in his head
- usually gives the correct answer in class

GROUP ACTIVITY:

1. Appoint a recorder.
2. Each member of the group will mark the test answers submitted by each of his/her three students. (see student answers provided)
3. Assign marks as indicated for each question and obtain a total out of 10 for each student.
3. The recorder will combine the five marks awarded by the group for each student to obtain a total score out of 50.
4. Discuss in your group how you each arrived at a mark out of 10 for each student. Where did you agree? Where did you disagree ?
5. Discuss **how you would** change your marking and/or the test to make it fairer for the students

ANSWER SHEETS.... (Mark as you would for real students)

NAME: HARRY

1. 3659
× 73
10977
25613
267107

2. Let number of litres used be x

$x = 957.5 \div 9$

$= 106.4$

3. 9 sweaters cost $\frac{9}{28} \times \$196$

$\frac{9}{\cancel{28}} \times \overset{7}{\cancel{196}} = 63$

$\cancel{7}$
1

They cost $63

TOTAL:

NAME: MARY

1. 3659
× 73
10977
256060
267037

2.
$$9\overline{)957.50}\quad 107.16$$
9
57
56
15
9
60

107.2 litres were used

3. 28 sweaters cost $196

1 sweater cost $7

9 sweaters cost $56

TOTAL:

NAME: BRENT

1. 3659
× 73
10977
256130
267007

2. 106.4 L were used.

3. $196 \div 28 = 7 \times 9$

$= \$63$

9 sweaters cost $63

TOTAL: