Supervisor

SWISS CONTEST ROUND 1

Hint: The backward student should score a few more marks on this question.

BOARD:

<i>x</i> :	12	21	29	30	64	127	69	58	47	637	-21	-32	898	-301	-507	-111
<i>y</i> :	26	17	97	8												

TALLY: ANSWERS

(5 points per correct answer)

SITE	TEAM CODE	y:	51	726	101	90	79	741	-7	-18	903	-98	-700	-106	TOTAL
		Points													
	_	Points													

Difference:

VICTORY POINTS:

Team Code

	1 000111 0 0 000	
Winner		30 + Difference (max 60) =
Loser		30 – Difference (min 0) =

Rule: Reverse the digits of x and add 5 to obtain y.

Supervisor

SWISS CONTEST ROUND 2

Hint: Farmers (and other primary producers) should do well this round.

BOARD:

x:	1	2	3	5	4	21	53	74	84	139	149	181	-73	226	228	1000
<i>y</i> :	2	3	5	7												

TALLY: ANSWERS

(5 points per	correct answer)													
SITE	TEAM CODE	y:	5	23	59	79	89	149	151	191	2	227	229	1009	TOTAL
		Points													
		Points													

Difference:	
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VICTORY POINTS:

Team Code

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Winner		30 + Difference (max 60) =
Loser		30 – Difference (min 0) =

Rule: y is the first prime bigger than x.

Supervisor

SWISS CONTEST ROUND 3

Hint: In these digital times, it's easy to succeed.

BOARD:

<i>x</i> :	12	29	30	64	21	127	129	69	58	1111	999	987	-11	777	4444	44444
<i>y</i> :	3	19	1	25												

TALLY: ANSWERS

(5 points per correct answer)

SITE	TEAM CODE	y:	3	15	19	55	41	2	730	505	0	344	257	1025	TOTALS
		Points													
		Points													

VICTORY POINTS:

Team Code

		1 00111 0 0 000	
V	Winner		30 + Difference (max 60) =
I	Loser		30 – Difference (min 0) =

Rule: y is the product of the digits of x plus 1.

Supervisor

SWISS CONTEST ROUND 4

Hint: You will have to basically be unlucky to do well this round.

BOARD:

x:	6	16	10	30	25	1	11	60	100	17	117	224	111	335	446	1000	
<i>y</i> :	6	19	13	39													

TALLY: ANSWERS

(5 points per correct answer)

SITE	TEAM CODE	<i>y</i> :	31	1	14	78	169	20	189	368	183	551	734	2197	TOTAL
		Points													
		Points													

Difference:

VICTORY POINTS:

Team Code

	1 cam Couc	
Winner		30 + Difference (max 60) =
Loser		30 – Difference (min 0) =

Rule: x is base 13, y is base 10.

Supervisor

SWISS CONTEST ROUND 5

Hint: Some of us are twice as good as others, while others are half as good as some.

Special Note: In this round answers are to be given in full; e.g. if the answer is 1234 then it is to be spoken as "one thousand, two hundred and thirty-four", NOT "one two three four" or "twelve thirty-four" etc.

BOARD:

x:	4	3	12	10	94	71	136	25	37	99	896	787	567	658	989	101
y:	2	6	21	20												

TALLY: ANSWERS

(5 points per correct answer)

SITE	TEAM CODE	<i>y</i> :	182	142	263	110	614	1818	4183	14414	10314	3104	18418	202	TOTAL
		Points													
		Points													

Difference:	
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VICTORY POINTS:

Team Code

Winner	30 + Difference (max 60) =
Loser	30 – Difference (min 0) =

Rule: Halve the even digits, double the odd digits of x to obtain y.