Approach: Independent   *Level:* Year 8

Resources: None

Question/instructions			% responses y8
1.	$0.75 + 5 =$	5.75	49
2.	$0.8 + 9 =$	9.8	49
3.	$5 + 0.3 + 11 + 2.4 + 0.28 =$	18.98	30
4.	$0.8 - 0.3 =$	.5	66
5.	$6 - 0.4 =$	5.6	41
6.	$64.3 - 9.62 =$	54.68	21

			% responses y8
7.	$5 \times 0.5 =$	2.5	49
8.	$0.6 \times 0.7 =$	.42	36
9.	$5.3 \times 2.2 =$	11.66	19
10.	$0.8 \div 2 =$	.4	61
11.	$6 \div 0.5 =$	12	16
12.	$2.70 \div 2 -$	1.35	38
13.	$18.2 \div 4 =$	4.55	15

Commentary

Only 13 percent of the year 8 students correctly answered at least 10 of the 13 items. A high proportion of the students could not calculate accurately using decimals.