

## Key Stage 2: Year 5: Solving problems involving numbers up to three decimal places

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1.  $4.5 + 2.6 =$

16.  $8.1 + 2.34 =$

2.  $6.2 + 4.6 =$

17.  $9.1 + 5.32 =$

3.  $1.6 + 2.4 =$

18.  $4.2 + 7.23 =$

4.  $7.3 + 7.5 =$

19.  $6.5 + 5.63 =$

5.  $5.4 + 7.2 =$

20.  $5.2 + 4.47 =$

6.  $8.1 - 4.4 =$

21.  $6.3 - 1.15 =$

7.  $9.1 - 3.9 =$

22.  $1.9 - 1.72 =$

8.  $8.2 - 3.2 =$

23.  $4.5 - 3.23 =$

9.  $3.7 - 1.8 =$

24.  $1.2 - 0.97 =$

10.  $7.7 - 4.6 =$

25.  $8.6 - 4.88 =$

11.  $2.6 + 4.52 =$

26.  $9.1 - 3.54 =$

12.  $1.9 + 5.23 =$

27.  $4.6 - 2.93 =$

13.  $4.5 + 6.36 =$

28.  $5.9 - 4.72 =$

14.  $1.6 + 2.87 =$

29.  $7.3 - 4.28 =$

15.  $4.2 + 2.04 =$

30.  $6.5 - 4.09 =$

31.  $6.1 + 4.92 =$

46.  $4.6 - 2.45 =$

32.  $5.4 - 2.41 =$

47.  $1.98 + 1.8 =$

33.  $8.34 - 2.4 =$

48.  $4.82 + 1.09 =$

34.  $9.1 + 4.23 =$

49.  $7.1 - 4.08 =$

35.  $9.31 + 1.9 =$

50.  $6.78 + 2.5 =$

36.  $7.5 - 3.51 =$

51.  $6.7 - 3.54 =$

37.  $4.67 + 3.2 =$

52.  $3.5 + 3.65 =$

38.  $5.3 - 3.09 =$

53.  $3.76 + 6.5 =$

39.  $4.3 + 3.27 =$

54.  $3.24 - 0.9 =$

40.  $1.8 - 1.26 =$

55.  $5.6 - 4.71 =$

41.  $6.7 + 4.41 =$

56.  $1.5 - 1.24 =$

42.  $4.2 - 1.32 =$

57.  $9.1 + 3.98 =$

43.  $8.37 + 2.6 =$

58.  $8.33 + 7.6 =$

44.  $1.6 + 1.08 =$

59.  $4.6 - 3.24 =$

45.  $3.3 - 1.31 =$

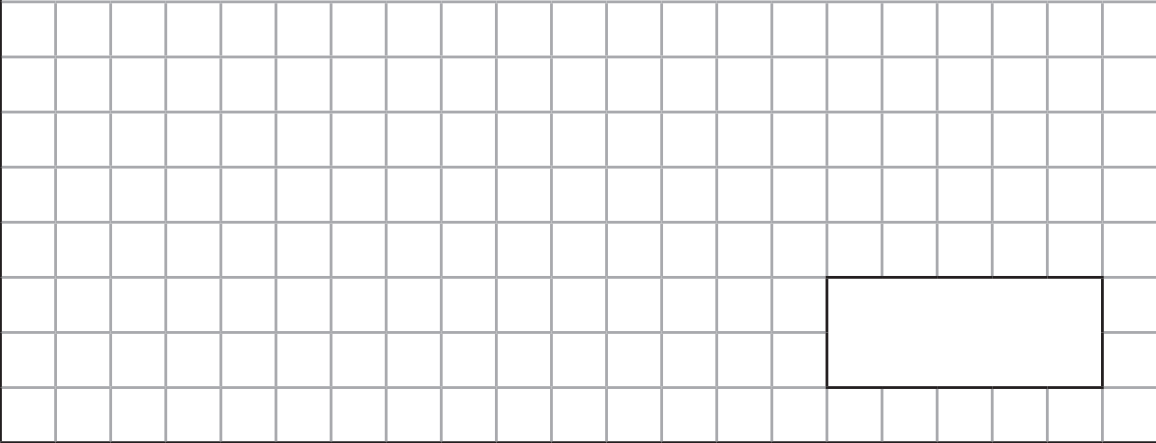
60.  $5.5 + 4.23 =$

Name:

Date:

## Solving problems involving numbers up to three decimal places

**1**  $5.8 + 3.29 =$



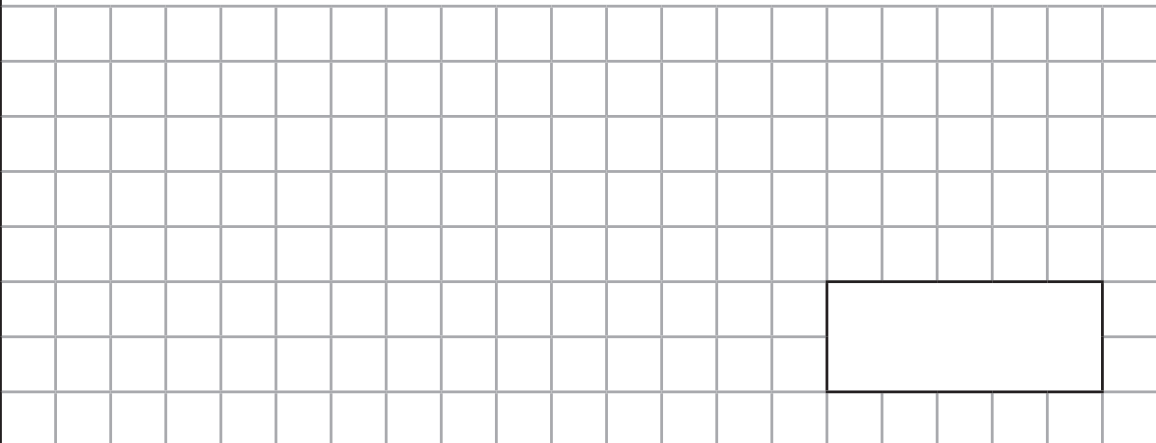
1 mark

**2**  $6.8 - 2.41 =$



1 mark

**3**  $8.04 - 5.6 =$



1 mark

4

$9.37 + 5.8 =$

A grid for working out the addition problem. The grid is 20 squares wide and 10 squares high. The first square is reserved for the number 4. The first two columns are reserved for the decimal point and the digits 3, 7, and the decimal point and 8 respectively. The remaining 15 squares are for the student's work. A rectangular box is provided on the right side of the grid for the final answer.



1 mark

5

$2.9 + 1.09 =$

A grid for working out the addition problem. The grid is 20 squares wide and 10 squares high. The first square is reserved for the number 5. The first two columns are reserved for the decimal point and the digits 9, 0, 9, and the decimal point and 1 respectively. The remaining 15 squares are for the student's work. A rectangular box is provided on the right side of the grid for the final answer.



1 mark

6

$8.4 - 6.72 =$

A grid for working out the subtraction problem. The grid is 20 squares wide and 10 squares high. The first square is reserved for the number 6. The first three columns are reserved for the digits 8, 4, and the decimal point and 0, and the digits 6, 7, 2, and the decimal point respectively. The remaining 13 squares are for the student's work. A rectangular box is provided on the right side of the grid for the final answer.



1 mark



Total for  
this page

**Number: Addition and subtraction:** Children will solve problems involving numbers up to three decimal places.

question	answer	marks
1	7.1	1
2	10.8	1
3	4	1
4	14.8	1
5	12.6	1
6	3.7	1
7	5.2	1
8	5	1
9	1.9	1
10	3.1	1
11	7.12	1
12	7.13	1
13	10.86	1
14	4.47	1
15	6.24	1
16	10.44	1
17	14.42	1
18	11.43	1
19	12.13	1
20	9.67	1
21	5.15	1
22	0.18	1

question	answer	marks
23	1.27	1
24	0.23	1
25	3.72	1
26	5.56	1
27	1.67	1
28	1.18	1
29	3.02	1
30	2.41	1
31	11.02	1
32	2.99	1
33	5.94	1
34	13.33	1
35	11.21	1
36	3.99	1
37	7.87	1
38	2.21	1
39	7.57	1
40	0.54	1
41	11.11	1
42	2.88	1
43	10.97	1
44	2.68	1

**Number: Addition and subtraction:** Children will solve problems involving numbers up to three decimal places.

## Worksheet answers

question	answer	marks
45	<b>1.99</b>	1
46	<b>2.15</b>	1
47	<b>3.78</b>	1
48	<b>5.91</b>	1
49	<b>3.02</b>	1
50	<b>9.28</b>	1
51	<b>3.16</b>	1
52	<b>7.15</b>	1
53	<b>10.26</b>	1
54	<b>2.34</b>	1
55	<b>0.89</b>	1
56	<b>0.26</b>	1
57	<b>13.08</b>	1
58	<b>15.93</b>	1
59	<b>1.36</b>	1
60	<b>9.73</b>	1
		Total 60

question	answer	marks
1	<b>9.09</b>	1
2	<b>4.39</b>	1
3	<b>2.44</b>	1
4	<b>15.17</b>	1
5	<b>3.99</b>	1
6	<b>1.68</b>	1
		Total 6