



# The 100% extension Club

## Year 6 – Year 7



Name: \_\_\_\_\_

If you have achieved the 100% challenge, then your next step is to complete the 100% **extension** challenge!

This booklet contains 5 sets of similar questions that will help you to practice and remember harder mathematical methods.

The aim is to try and reach 100% by the end of the 5 sessions (or sooner!)

Each question is worth 1 mark and is non-calculator.

Track your progress below:

Session	Date	Time taken	Score	Percentage = $\frac{\text{score}}{\text{total}} \times 100$
1				
2				
3				
4				
5				

Signature of completion (parent or guardian):

1)  $1.52 \times 6$

9.12

2)  $7505 \div 5$

1501

3)  $54 \times 23$

1242

4)  $6.11 + 0.003$

6.113

5)  $550 \times 3$

1650

6)  $15.4 - 8.88$

6.52

7)  $3016 \div 13$

232

8)  $678 \times 54$

36612

9)  $1\frac{1}{5} - \frac{1}{4}$

$\frac{19}{20}$

10)  $2331 \div 37$

63

Score /10

1)  $2.84 \times 8$

**22.72**

2)  $6804 \div 4$

**1701**

3)  $74 \times 13$

**962**

4)  $4.101 + 0.0009$

**4.1019**

5)  $950 \times 5$

**4750**

6)  $19.4 - 3.33$

**16.07**

7)  $2808 \div 13$

**216**

8)  $459 \times 64$

**29376**

9)  $2\frac{1}{6} - \frac{1}{4}$

**$\frac{23}{12} = 1\frac{11}{12}$**

10)  $1848 \div 33$

**56**

Score /10

1)  $1.93 \times 7$

13.51

2)  $7504 \div 7$

1072

3)  $64 \times 27$

1728

4)  $19.1 + 0.009$

19.109

5)  $770 \times 4$

3080

6)  $15.4 - 0.44$

14.96

7)  $2996 \div 14$

214

8)  $876 \times 34$

29784

9)  $2\frac{2}{7} + \frac{1}{4}$

$\frac{71}{28} = 2\frac{15}{28}$

10)  $2028 \div 39$

52

Score /10

1)  $5.22 \times 7$

**36.54**

2)  $8505 \div 5$

**1701**

3)  $67 \times 21$

**1407**

4)  $16.1 + 0.203$

**16.303**

5)  $990 \times 5$

**4950**

6)  $5.4 - 0.08$

**5.32**

7)  $4382 \div 14$

**313**

8)  $787 \times 63$

**49581**

9)  $1\frac{5}{6} - \frac{1}{5}$

**$\frac{49}{30} = 1\frac{19}{30}$**

10)  $2627 \div 37$

**71**

Score /10

1)  $1.62 \times 9$

14.58

2)  $8406 \div 6$

1401

3)  $56 \times 22$

1232

4)  $17.1 + 0.0008$

17.1008

5)  $850 \times 3$

2550

6)  $14.4 - 0.07$

14.33

7)  $4173 \div 13$

321

8)  $867 \times 53$

45951

9)  $1\frac{4}{7} - \frac{3}{14}$

$\frac{19}{14} = 1\frac{5}{14}$

10)  $2301 \div 39$

59

Score /10