

**100%**

# The 100% extension Club

## Year 6 – Year 7

**100%**

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**

Session  
2

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

Session  
5

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



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The best in everyone™