



# The 100% Club

## Year 6 – Year 7



### ANSWERS

During the summer we would like you to complete the 100% challenge!

This booklet contains 10 sets of similar questions that will help you to practice and remember some key facts and methods in maths.

The aim is to try and reach 100% by the end of the 10 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				
6				
7				
8				
9				
10				

1)  $5 \times 6$

**30**

---

2)  $979 + 100$

**1079**

---

3)  $123 \times 2$

**246**

---

4)  $6.1 + 0.3$

**246**

---

5)  $24 \times 3$

**72**

---

6)  $1034 + 56$

**1090**

---

7)  $48 \div 6$

**8**

---

8)  $472 - 9$

**463**

---

9)  $2.5 + 0.05$

**2.55**

---

10)  $5 \times 4 \times 7$

**140**

---

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

**$\frac{3}{5}$**

12)  $630 \div 9$

**70**

13)  $1.28 \times 100$

**128**

14)  $4^2$

**16**

15)  $50\,000 - 500$

**49500**

16)  $1440 \div 12$

**120**

17)  $0.7 \times 1000$

**700**

18)  $12 - 6.01$

**5.99**

19)  $234\,897 - 45\,996$

**188901**

20)  $20 - 4 \times 2$

**12**

Score /20

1)  $4 \times 8$

**32**

2)  $919 + 100$

**1019**

3)  $243 \times 2$

**486**

4)  $9.1 + 0.7$

**9.8**

5)  $34 \times 3$

**102**

6)  $1128 + 72$

**1200**

7)  $72 \div 9$

**8**

8)  $573 - 9$

**564**

9)  $3.7 + 0.02$

**3.72**

10)  $3 \times 5 \times 4$

**60**

11)  $\frac{6}{7} - \frac{1}{7}$

$\frac{5}{7}$

---

12)  $490 \div 7$

**70**

---

13)  $3.18 \times 100$

**318**

---

14)  $6^2$

**36**

---

15)  $40\,000 - 500$

**39500**

---

16)  $1210 \div 11$

**110**

---

17)  $0.9 \times 1000$

**900**

---

18)  $11 - 5.01$

**5.99**

---

19)  $174\,687 - 45\,983$

**128704**

---

20)  $19 + 1 \times 4$

**23**

---

1)  $7 \times 8$

56

2)  $943 + 100$

1043

3)  $313 \times 3$

939

4)  $0.6 + 0.1$

0.7

5)  $23 \times 4$

92

6)  $1214 + 86$

1300

7)  $42 \div 6$

7

8)  $876 - 9$

867

9)  $0.5 + 0.05$

0.55

10)  $6 \times 2 \times 3$

36

11)  $\frac{9}{11} - \frac{2}{11}$

---

$\frac{7}{11}$

12)  $540 \div 9$

---

60

13)  $2.28 \times 1000$

---

2280

14)  $9^2$

---

81

15)  $70\,000 - 500$

---

69500

16)  $360 \div 6$

---

60

17)  $0.3 \times 1000$

---

300

18)  $11 - 5.02$

---

5.98

19)  $625\,833 - 42\,916$

---

582917

20)  $35 - 3 \times 5$

---

20

---

1)  $6 \times 8$

**48**

---

2)  $912 + 100$

**1012**

---

3)  $213 \times 3$

**639**

---

4)  $9.2 + 0.7$

**9.9**

---

5)  $36 \times 3$

**108**

---

6)  $2718 + 82$

**2800**

---

7)  $56 \div 7$

**8**

---

8)  $793 - 9$

**784**

---

9)  $3.3 + 0.03$

**3.33**

---

10)  $9 \times 3 \times 2$

**54**



11)  $\frac{3}{8} - \frac{3}{8}$

**0**

---

12)  $480 \div 8$

**60**

---

13)  $0.78 \times 100$

**78**

---

14)  $3^2$

**9**

---

15)  $80\,000 - 400$

**79600**

---

16)  $2500 \div 5$

**500**

---

17)  $0.8 \times 1000$

**800**

---

18)  $14 - 5.01$

**8.99**

---

19)  $434\,498 - 15\,993$

**418505**

---

20)  $29 - 2 \times 11$

**7**

---

1)  $8 \times 7$

**56**

2)  $998 + 100$

**1098**

3)  $404 \times 2$

**808**

4)  $0.1 + 0.01$

**0.11**

5)  $27 \times 3$

**81**

6)  $1411 + 89$

**1500**

7)  $42 \div 7$

**6**

8)  $1062 - 9$

**1053**

9)  $6.2 + 0.02$

**6.22**

10)  $5 \times 5 \times 4$

**100**

11)  $\frac{6}{7} - \frac{5}{7}$

---

**$\frac{1}{7}$**

12)  $450 \div 9$

---

**50**

13)  $13.23 \times 100$

---

**1323**

14)  $5^2$

---

**25**

15)  $90\,000 - 500$

---

**89500**

16)  $810 \div 9$

---

**90**

17)  $0.02 \times 1000$

---

**20**

18)  $15 - 9.01$

---

**5.99**

19)  $234\,097 - 41\,191$

---

**192906**

20)  $40 - 14 \times 2$

---

**12**

---

1)  $7 \times 4$

**28**

---

2)  $910 + 100$

**1010**

---

3)  $234 \times 2$

**468**

---

4)  $0.11 + 0.01$

**0.12**

---

5)  $17 \times 3$

**51**

---

6)  $9023 + 77$

**9100**

---

7)  $60 \div 12$

**5**

---

8)  $825 - 9$

**816**

---

9)  $6.4 + 0.04$

**6.44**

---

10)  $6 \times 3 \times 2$

**36**

11)  $\frac{8}{13} - \frac{1}{13}$

$\frac{7}{13}$

12)  $3200 \div 8$

**400**

13)  $2.18 \times 1000$

**2180**

14)  $1^2$

**1**

15)  $70\,000 - 200$

**69800**

16)  $770 \div 11$

**70**

17)  $0.7 \times 1000$

**700**

18)  $13 - 8.01$

**4.99**

19)  $741\,393 - 45\,991$

**695402**

20)  $220 - 4 \times 5$

**200**

1)  $12 \times 6$

**72**

2)  $981 + 100$

**1081**

3)  $211 \times 4$

**844**

4)  $9.2 + 0.7$

**9.9**

5)  $53 \times 3$

**159**

6)  $1313 + 87$

**1400**

7)  $56 \div 8$

**7**

8)  $197 - 9$

**188**

9)  $6.5 + 0.05$

**6.55**

10)  $6 \times 2 \times 4$

**48**

11)  $\frac{2}{9} - \frac{1}{9}$

---

$\frac{1}{9}$

12)  $2100 \div 7$

---

300

13)  $0.12 \times 100$

---

12

14)  $8^2$

---

64

15)  $60\,000 - 100$

---

59900

16)  $6400 \div 8$

---

800

17)  $0.9 \times 1000$

---

900

18)  $18 - 12.01$

---

5.99

19)  $184\,467 - 45\,961$

---

138506

20)  $39 - 3 \times 7$

---

18

---

1)  $8 \times 12$

**96**

2)  $909 + 100$

**1009**

3)  $401 \times 2$

**802**

4)  $9.6 + 0.4$

**10**

5)  $33 \times 7$

**231**

6)  $1078 + 122$

**1200**

7)  $54 \div 6$

**9**

8)  $4177 - 9$

**4168**

9)  $3.5 + 0.01$

**3.51**

10)  $12 \times 3 \times 2$

**72**



11)  $\frac{11}{7} - \frac{5}{7}$

**$\frac{6}{7}$**

12)  $4000 \div 8$

**500**

13)  $0.25 \times 100$

**25**

14)  $11^2$

**121**

15)  $30\,000 - 300$

**29700**

16)  $1320 \div 12$

**110**

17)  $0.5 \times 1000$

**500**

18)  $19 - 9.01$

**9.99**

19)  $989\,197 - 85\,996$

**903201**

20)  $240 + 20 \times 6$

**360**

1)  $9 \times 12$

**108**

---

2)  $942 + 100$

**1042**

---

3)  $144 \times 2$

**288**

---

4)  $3.1 + 0.1$

**3.2**

---

5)  $39 \times 3$

**117**

---

6)  $1581 + 19$

**1600**

---

7)  $42 \div 6$

**7**

---

8)  $138 - 9$

**129**

---

9)  $1.4 + 0.04$

**1.44**

---

10)  $8 \times 3 \times 3$

**72**

---

11)  $\frac{6}{13} - \frac{1}{13}$

$\frac{5}{13}$

12)  $4800 \div 6$

**800**

13)  $0.08 \times 100$

**8**

14)  $12^2$

**144**

15)  $60\,000 - 600$

**59400**

16)  $8800 \div 8$

**1100**

17)  $0.06 \times 1000$

**60**

18)  $14 - 7.01$

**6.99**

19)  $184\,398 - 45\,994$

**138404**

20)  $42 - 7 \times 3$

**21**

1)  $12 \times 11$

**132**

---

2)  $913 + 100$

**1013**

---

3)  $323 \times 2$

**646**

---

4)  $2.1 + 0.8$

**2.9**

---

5)  $36 \times 3$

**108**

---

6)  $3461 + 39$

**3500**

---

7)  $72 \div 6$

**12**

---

8)  $556 - 9$

**547**

---

9)  $13.5 + 0.05$

**13.55**

---

10)  $3 \times 4 \times 4$

**48**

---

11)  $\frac{9}{7} - \frac{3}{7}$

$\frac{6}{7}$

12)  $56000 \div 8$

**7000**

13)  $4.08 \times 100$

**408**

14)  $11^2$

**121**

15)  $40\,000 - 400$

**39600**

16)  $12100 \div 11$

**1100**

17)  $0.1 \times 1000$

**100**

18)  $18 - 9.01$

**8.99**

19)  $621\,893 - 45\,991$

**575902**

20)  $200 - 6 \times 20$

**80**