



# Maths Homework Record

Each week your child will be tested on their mental maths target by undertaking a two minute mental maths challenge. After each test their score will be recorded in the grid overleaf, which will enable you to monitor their individual progress.

If your child achieves their target this will be indicated on the homework record and they will move on to the next objective on the list.

If your child still needs further practice to achieve their target, they will continue to work on the same objective. Please support your child at home to improve their skills.



# Maths Homework Record



## Target

## Weekly test scores

1-Quickly add any two 2-digit numbers to 100

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2-Add any multiple of 10 to any 3-digit number

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3-Carry out subtraction calculations to 50

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4-Count on from any two 2-digit number to 100

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5-Derive quickly addition doubles to  $50 + 50$

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6-Add 3 multiples of 10 with numbers  $< 100$

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7-Add up to 4 numbers less than 20

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8-Add any multiple of 10 to any 3-digit number

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9-Know by heart multiplication facts for all tables

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10-Derive quickly division facts for all tables

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11-Multiply 2 and 3 digit numbers by 10 and 100

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12-Rapid recall of all number pairs that total 1000

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13-Add mentally a near multiple of 10 or 100

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14-Rapid recall of subtraction facts to 100

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15-Find a small difference in money by counting on across a £ barrier

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15-L4





# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
1

**My Target—Add any two 2-digit numbers to 100**

Example of test questions  
2 minutes allowed

1. $38 + 58$	
2. $68 + 18$	
3. $27 + 65$	
4. $37 + 45$	
5. $48 + 35$	
6. $36 + 58$	
7. $29 + 57$	
8. $38 + 27$	
9. $48 + 38$	
10. $39 + 58$	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Recall all addition facts to 10 and 20
- Add objects
- Add money

You can search these websites for games and ideas that might help your child practise this skill.

- <http://www.ictgames.com>
- <http://www.maths-games.org/adding-games.html>



# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
2

**My Target—Add a multiple of 10 to a 3-digit number**

Example of test questions  
2 minutes allowed

1. $146 + 30$	
2. $155 + 40$	
3. $275 + 20$	
4. $385 + 10$	
5. $472 + 20$	
6. $538 + 60$	
7. $312 + 60$	
8. $555 + 40$	
9. $838 + 60$	
10. $328 + 50$	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Look at the 100 square. Add 10 to 23, 46, 78, 62 etc.
- Select other numbers e.g. 35, 46, 82 etc. Add 20.
- Now practise adding 10 or 20 or 30 etc. to any 2-digit number with and without using the 100 square.
- Progress to three digit numbers.

You can search these websites for games and ideas that might help your child practise this skill.

- <http://www.ictgames.com/>
- <http://www.bbc.co.uk/bitesize/ks2/maths/number/>



# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
3

**My Target—Carry out subtraction calculations to 50**

Example of test questions  
2 minutes allowed

1. 50 - 24	
2. 47 - 28	
3. 38 - 18	
4. 32 - 17	
5. 42 - 25	
6. 46 - 17	
7. 50 - 17	
8. 45 - 27	
9. 38 - 19	
10. 42 - 16	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Try taking away any two numbers less than 10, e.g. 7-3, 8-5.
- Practise taking any number from 20, e.g. 20-12, 20-5
- Then try taking away from any number less than 50, e.g. 37-16, 28-15,

You can search these websites for games and ideas that might help your child practise this skill.

- <http://www.ictgames.com/>
- <http://www.woodlands-junior.kent.sch.uk/maths/interactive/subtraction.htm>



# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
4

**My Target—Count on from any 2-digit number to 100**

Example of test questions  
2 minutes allowed

1. 52	
2. 34	
3. 66	
4. 81	
5. 27	
6. 62	
7. 74	
8. 38	
9. 17	
10. 43	

Ideas for helping your child  
with this work

- Practise adding on the units to make a 10. Then adding on 10's to total 100.
- A quick fire daily quiz

You can search these websites for games and ideas that might help your child practise this skill.

- <http://www.ictgames.com/>



# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
5

**My Target—Derive quickly addition doubles to 50 + 50**

Example of test questions  
2 minutes allowed

1. 25	
2. 37	
3. 46	
4. 16	
5. 28	
6. 35	
7. 49	
8. 18	
9. 39	
10. 47	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Instantly recall all doubles to 10:  $2 + 2$ ,  $3 + 3$ ,  $4 + 4$ ,  $5 + 5$
- Then progress to recalling doubles to  $10 + 10$ .
- Progress to  $20 + 20$ .
- Finally progress to  $50 + 50$
- Mix up the order you ask the questions in.

You can search these websites for games and ideas that might help your child practise this skill.

- <http://www.ictgames.com/>
- <http://www.bbc.co.uk/bitesize/ks2/maths/>





# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
6

**My Target—Add 3 multiples of 10, less than 100**

Example of test questions  
2 minutes allowed

1. $50 + 40 + 60$	
2. $30 + 70 + 40$	
3. $60 + 60 + 50$	
4. $70 + 40 + 50$	
5. $90 + 30 + 60$	
6. $20 + 90 + 90$	
7. $50 + 60 + 80$	
8. $70 + 50 + 30$	
9. $60 + 90 + 40$	
10. $50 + 70 + 60$	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Add the 10's quickly
- Make 100 and the count on

You can search these websites  
for games and ideas that might  
help your child practise this  
skill.

- <http://www.ictgames.com/>
- <http://www.bbc.co.uk/bitesize/ks2/maths/number/>



# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
7

**My Target—Add 4 numbers less than 20**

Example of test questions  
2 minutes allowed

1. $16 + 14 + 7 + 8$	
2. $11 + 5 + 3 + 5$	
3. $16 + 7 + 4 + 3$	
4. $15 + 7 + 9 + 5$	
5. $13 + 6 + 7 + 4$	
6. $14 + 7 + 13 + 16$	
7. $14 + 5 + 6 + 6$	
8. $13 + 14 + 7 + 8$	
9. $17 + 15 + 13 + 15$	
10. $13 + 9 + 7 + 1$	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Add the units, add the tens and then add together.
- Make tens e.g.  $16 + 14 = 30 + 8 + 7$

You can search these websites for games and ideas that might help your child practise this skill.

- <http://www.ictgames.com/>
- <http://www.bbc.co.uk/bitesize/ks2/maths/number/>



# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
8

**My Target—Add multiple of 10 to a 3-digit number**

Example of test questions  
2 minutes allowed

1. $266 + 60$	
2. $248 + 70$	
3. $575 + 80$	
4. $336 + 70$	
5. $456 + 60$	
6. $386 + 90$	
7. $585 + 70$	
8. $395 + 40$	
9. $998 + 30$	
10. $964 + 60$	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Look at the 100 square. Add 10 to 23, 46, 78, 62 etc.
- Select other numbers e.g. 35, 46, 82 etc. Add 20.
- Now practise adding 10 or 20 or 30 etc. to any 2-digit number with and without using the 100 square.
- Progress to 3 digit numbers

You can search these websites for games and ideas that might help your child practise this skill.

- <http://www.ictgames.com/>
- <http://www.bbc.co.uk/bitesize/ks2/maths/number/>



# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
9

**My Target—Know by heart multiplication facts for all tables**

Example of test questions  
2 minutes allowed

1. $6 \times 6$	
2. $3 \times 7$	
3. $9 \times 9$	
4. $8 \times 6$	
5. $9 \times 8$	
6. $9 \times 7$	
7. $5 \times 6$	
8. $4 \times 8$	
9. $8 \times 7$	
10. $6 \times 8$	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Count in threes, fours etc.
- Chant table one two is 2, two twos are 4, etc.
- Ask random questions  $4 \times 2$ ,  $10 \times 2$  etc
- Chant Tables backwards
- Timed speed tests
- Beat the calculator

You can search these websites  
for games and ideas that might  
help your child practise this  
skill.

- <http://www.ictgames.com/>
- <http://www.maths-games.org/times-tables-games.html>



# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
10

**My Target—Derive quickly division facts for all tables tables**

Example of test questions  
2 minutes allowed

1. $40 \div 5$	
2. $28 \div 7$	
3. $64 \div 8$	
4. $48 \div 6$	
5. $54 \div 6$	
6. $42 \div 7$	
7. $45 \div 9$	
8. $36 \div 4$	
9. $21 \div 7$	
10. $27 \div 3$	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Count in threes, fours etc.
- Know 2, 5 & 10 times tables
- Recognise that division is reverse of timetables.
- Ask random questions  $16 \times 2$ ,  $18 \times 2$  etc
- Timed speed tests
- Beat the calculator

You can search these websites  
for games and ideas that might  
help your child practise this  
skill.

- <http://www.ictgames.com/>
- <http://www.whizz.com/maths/division/games/>



# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
11

**My Target—Multiply 2 and 3-digit numbers by 10 and 100**

Example of test questions  
2 minutes allowed

1. $26 \times 10$	
2. $37 \times 100$	
3. $36 \times 100$	
4. $126 \times 10$	
5. $550 \times 100$	
6. $278 \times 10$	
7. $17 \times 100$	
8. $395 \times 10$	
9. $772 \times 10$	
10. $280 \times 100$	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Understanding that each number moves up a place value when multiplying by ten  
e.g.  $26 \times 10$ ,  $20 = 200$ ,  $6 = 60$   
Total 260
- Understanding that each number moves up two place values when multiplying by 100.

You can search these websites for games and ideas that might help your child practise this skill.

- <http://www.ictgames.com/>
- <http://www.bbc.co.uk/bitesize/ks2/maths/>



# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
12

**My Target—Number pairs that total 1000**

Example of test questions  
2 minutes allowed

1. 126	
2. 346	
3. 258	
4. 768	
5. 442	
6. 336	
7. 627	
8. 453	
9. 162	
10. 533	

Ideas for helping your child  
with this work

- Practise adding on the units to make a 10.
- Then adding on 10's to total 100.
- Finally add 100's to make 100.
- A quick fire daily quiz

You can search these websites for games and ideas that might help your child practise this skill.

- <http://www.ictgames.com/>
- <http://www.bbc.co.uk/bitesize/ks2/maths/>



# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
13

**My Target—Add near multiple of 10/100**

Example of test questions  
2 minutes allowed

1. $76 + 9$	
2. $38 + 29$	
3. $66 + 19$	
4. $132 + 29$	
5. $154 + 49$	
6. $238 + 99$	
7. $463 + 99$	
8. $174 + 199$	
9. $175 + 399$	
10. $243 + 99$	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Practise adding multiples of 10 and then subtracting 1.

You can search these websites  
for games and ideas that might  
help your child practise this  
skill.

- <http://www.ictgames.com/>
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# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
14

## My Target—Subtraction facts to 100

Example of test questions  
2 minutes allowed

1. $65 - 38$	
2. $72 - 36$	
3. $81 - 57$	
4. $92 - 41$	
5. $63 - 48$	
6. $51 - 28$	
7. $94 - 48$	
8. $66 - 42$	
9. $83 - 48$	
10. $73 - 18$	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Try taking away any two numbers less than 10, e.g. 7-3, 8-5.
- Practise taking any number from 20, e.g. 20-12, 20-5
- Then try taking away from any number less than 50, e.g. 37-16, 28-15,

You can search these websites for games and ideas that might help your child practise this skill.

- <http://www.ictgames.com/>
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# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
15

**My Target—Find a small difference in money**

Example of test questions  
2 minutes allowed

1. £2.20 - £1.80	
2. £2.04 - £1.96	
3. £2.30 - £1.98	
4. £3.10 - £2.92	
5. £4.07 - £3.92	
6. £5.13 - £4.95	
7. £10.13 - £9.96	
8. £4.10 - £3.91	
9. £4.20 - £3.95	
10. £5.07 - £4.96	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Ask 'what is the difference between 18 and 25?' Look at the hundred square. Put a counter on 18. Now count on.
- Repeat with and without a hundred square.

You can search these websites  
for games and ideas that might  
help your child practise this  
skill.

- <http://www.ictgames.com/>
- <http://www.woodlands-junior.kent.sch.uk/maths/interactive/subtraction.htm>



# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
16

**My Target—Subtract a 2/3 digit multiple of 10 from a 3-digit number**

Example of test questions  
2 minutes allowed

1. 366 - 60	
2. 472 - 130	
3. 455 - 80	
4. 236 - 80	
5. 744 - 150	
6. 512 - 70	
7. 827 - 160	
8. 732 - 140	
9. 415 - 80	
10. 304 - 120	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Look at the 100 square. Subtract 10 to 93, 86, 78 etc
- Select other numbers e.g. 85, 76, 92 etc. Subtract 20.
- Now practise subtracting 10 or 20 or 30 etc. from any 2-digit number with and without using the 100 square.
- Progress to 3-digit numbers

You can search these websites for games and ideas that might help your child practise this skill.

- <http://www.ictgames.com/>
- <http://www.bbc.co.uk/bitesize/ks2/maths/>



# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
17

**My Target—Work out 20x, 30x, 40x a number**

Example of test questions  
2 minutes allowed

1. $6 \times 20$	
2. $7 \times 20$	
3. $9 \times 40$	
4. $28 \times 20$	
5. $12 \times 20$	
6. $25 \times 40$	
7. $12 \times 30$	
8. $15 \times 40$	
9. $15 \times 30$	
10. $25 \times 20$	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Use  $\times 10$  and then double as a technique etc.
- Multiply by 10 and then by the number of tens.

You can search these websites  
for games and ideas that might  
help your child practise this  
skill.

- <http://www.ictgames.com/>
- <http://www.bbc.co.uk/bitesize/ks2/maths/>



# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
18

**My Target—Derive quickly addition doubles with totals up to 1000**

Example of test questions  
2 minutes allowed

1. 256	
2. 327	
3. 466	
4. 168	
5. 285	
6. 355	
7. 498	
8. 186	
9. 368	
10. 475	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Instantly recall all doubles to 10:  $2 + 2$ ,  $3 + 3$ ,  $4 + 4$ ,  $5 + 5$
- Then progress to recalling doubles to  $10 + 10$ .
- Progress to  $20 + 20$ .
- Progress to  $50 + 50$
- Finally doubling 100s
- Mix up the order you ask the questions in.

You can search these websites for games and ideas that might help your child practise this skill.

- <http://www.ictgames.com/>
- <http://www.bbc.co.uk/bitesize/ks2/maths/>



# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
19

**My Target—Derive quickly halves of all numbers to 100**

Example of test questions  
2 minutes allowed

1. 72	
2. 96	
3. 38	
4. 70	
5. 76	
6. 56	
7. 36	
8. 68	
9. 52	
10. 92	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Practise instantly halving all the numbers to 10.
- Find halves of 12, 14, 16, 18. Practise concept of Half of 20 is 10, half of 30 is 15 & half of 40 is 20.
- Now for half the larger numbers.

You can search these websites for games and ideas that might help your child practise this skill.

- <http://www.ictgames.com/>
- <http://www.bbc.co.uk/bitesize/ks2/maths/>



# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
20

**My Target—Use closely related facts to by 19 or 21**

Example of test questions  
2 minutes allowed

1. $16 \times 21$	
2. $25 \times 19$	
3. $21 \times 8$	
4. $15 \times 21$	
5. $20 \times 19$	
6. $25 \times 21$	
7. $50 \times 19$	
8. $21 \times 14$	
9. $14 \times 19$	
10. $15 \times 19$	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Learn Multiplication tables.
- Practise multiplying by 10 and 20 etc then subtraction and adding the difference.

You can search these websites for games and ideas that might help your child practise this skill.

- <http://www.ictgames.com/>
- <http://www.bbc.co.uk/bitesize/ks2/maths/>



# Maths Homework Helper

GLOBE-  
TROTTER  
TEST  
21

**My Target—Multiply whole numbers and decimals by 10, 100 1000**

Example of test questions  
2 minutes allowed

1. $16 \times 100$	
2. $1.6 \times 10$	
3. $3.7 \times 100$	
4. $2.85 \times 1000$	
5. $0.16 \times 100$	
6. $5.42 \times 100$	
7. $16.25 \times 10$	
8. $27.64 \times 100$	
9. $17.8 \times 1000$	
10. $16.5 \times 100$	

Ideas for helping your child  
with this work

- A quick fire daily quiz
- Understanding that each number moves up a place value when multiplying by ten e.g.  $3.7 \times 10 = 37$
- Understanding that each number moves up two place values when multiplying by 100 e.g.  $5.42 \times 100 = 542$

You can search these websites for games and ideas that might help your child practise this skill.

- <http://www.ictgames.com/>
- <http://www.bbc.co.uk/bitesize/ks2/maths/>