



Maths Homework Record

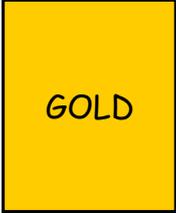
Each week your child will be tested on their mental maths target by undertaking a two minute mental maths challenge. After each test their score will be recorded in the grid overleaf, which will enable you to monitor their individual progress.

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

1-Know addition facts for all numbers to 20

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2-Know pairs of multiples of 100 making 1000

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3-Know subtraction facts for all numbers to 20

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4-Find a small difference by counting on

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5-Add two multiples of 10/5 with a total of 100

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6-Add a multiple of 10 to a 2-digit number

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7-Subtract a multiple of 10 to a 2-digit number

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|--|--|--|--|--|

8-Know pairs of multiples of 5 with a total of 100

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9-Rapid recall of 2, 3, 4, 5 and 10 times tables

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10-Rapid recall of division facts for 2, 5 and 10 times tables

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11-Derive quickly addition doubles to $20 + 20$

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12-Derive quickly halves of numbers to 40

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13-Double multiples of 5 to 100 (e.g. 85×2)

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14-Double multiples of 50 to 500 (e.g. 450×2)

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15-Know all square numbers to 10×10

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16-Know all tables, all multiplication and division facts

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|--|--|--|--|--|



Maths Homework Helper

GOLD
TEST
1

My Target—Addition facts for all numbers to 20

Example of test questions
2 minutes allowed

| | |
|---------------|----|
| 1. $9 + 8 =$ | 17 |
| 2. $5 + 11 =$ | |
| 3. $5 + 12 =$ | |
| 4. $9 + 3 =$ | |
| 5. $12 + 6 =$ | |
| 6. $11 + 9 =$ | |
| 7. $3 + 15 =$ | |
| 8. $11 + 7 =$ | |
| 9. $15 + 4 =$ | |
| 10. $5 + 6 =$ | |

Ideas for helping your child
with this work

- A quick fire daily quiz
- Recall all addition facts to 10: doubles like $2+2$, $3+3$
Then adding on 2, $3+2$, $4+2$,
- Learn doubles to 20 off by heart, $6+6$, $7+7$, $8+8$.
- Add objects
- Add money to 20p

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

GOLD
TEST
2

My Target—Pairs of multiples of 100 with a total to 1000

Example of test questions
2 minutes allowed

| | | |
|-----------|-----|-------|
| 1. 100 + | 900 | =1000 |
| 2. 600 + | | =1000 |
| 3. 200 + | | =1000 |
| 4. 500 + | | =1000 |
| 5. 800+ | | =1000 |
| 6. 300 + | | =1000 |
| 7. 200 + | | =1000 |
| 8. 400 + | | =1000 |
| 9. 900 + | | =1000 |
| 10. 700 + | | =1000 |

Ideas for helping your child
with this work

- A quick fire daily quiz
- counting in tens to 100
- Look for patterns: 900 + 100, 800 + 200, 700 + 300, etc.
- Understand that these sums can be reversed to give the same answer, such as: 800 + 200 = 1000 and 200 + 800 = 1000

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

- <http://www.ictgames.com>
- <http://www.conkermaths.org/cmweb.nsf/products/numberbondpairs.html>



Maths Homework Helper

GOLD
TEST
3

My Target—Subtraction facts for all numbers to 20

Example of test questions
2 minutes allowed

| | |
|----------------|---|
| 1. $16 - 8 =$ | 8 |
| 2. $15 - 6 =$ | |
| 3. $14 - 7 =$ | |
| 4. $11 - 4 =$ | |
| 5. $19 - 1 =$ | |
| 6. $12 - 7 =$ | |
| 7. $18 - 7 =$ | |
| 8. $13 - 6 =$ | |
| 9. $16 - 9 =$ | |
| 10. $19 - 8 =$ | |

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 20, e.g. 17-6, 18-5,

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

GOLD
TEST
4

My Target—Find a small difference by counting on

Example of test questions
2 minutes allowed

| | |
|-------------------|---|
| 1. $33 - 28 =$ | 5 |
| 2. $51 - 46 =$ | |
| 3. $72 - 67 =$ | |
| 4. $83 - 77 =$ | |
| 5. $93 - 88 =$ | |
| 6. $93 - 86 =$ | |
| 7. $33 - 29 =$ | |
| 8. $94 - 87 =$ | |
| 9. $121 - 115 =$ | |
| 10. $133 - 127 =$ | |

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

GOLD
TEST
5

My Target—Add two multiples of 10/5 with a total to 100

Example of test questions
2 minutes allowed

| | |
|------------------|----|
| 1. $45 + 35 =$ | 80 |
| 2. $60 + 25 =$ | |
| 3. $55 + 40 =$ | |
| 4. $25 + 75 = =$ | |
| 5. $45 + 50 =$ | |
| 6. $15 + 65 =$ | |
| 7. $25 + 45 =$ | |
| 8. $25 + 70 =$ | |
| 9. $15 + 55 =$ | |
| 10. $35 + 45 =$ | |

Ideas for helping your child
with this work

- A quick fire daily quiz
- Look for reversals e.g. $70+20$, $20+70$;
- Start with a multiple of 5 e.g. 15, 25, 35. Try adding a multiple of 10 e.g. 10, 20, 30.
- Add two multiples of 5 e.g. $45+35$. Work it out in steps $40 + 30 = 70$, $5 + 5 = 10$, $70 + 10 = 80$.

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

- <http://www.ictgames.com/>
- [http://www.atschool.co.uk/
keystage2-ks2/maths.asp?
display=2303§ion=7155](http://www.atschool.co.uk/keystage2-ks2/maths.asp?display=2303§ion=7155)



Maths Homework Helper

GOLD
TEST
6

My Target—Add multiples of 10 to any 2-digit number

Example of test questions
2 minutes allowed

| | |
|-----------------|----|
| 1. $27 + 40 =$ | 67 |
| 2. $13 + 80 =$ | |
| 3. $62 + 40 =$ | |
| 4. $19 + 70 =$ | |
| 5. $37 + 60 =$ | |
| 6. $54 + 70 =$ | |
| 7. $81 + 60 =$ | |
| 8. $75 + 40 =$ | |
| 9. $56 + 60 =$ | |
| 10. $74 + 50 =$ | |

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.

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

GOLD
TEST
7

My Target—Subtract multiples of 10 from a 2-digit number

Example of test questions
2 minutes allowed

| | |
|-----------------|----|
| 1. $55 - 30 =$ | 25 |
| 2. $66 - 50 =$ | |
| 3. $88 - 50 =$ | |
| 4. $96 - 40 =$ | |
| 5. $55 - 20 =$ | |
| 6. $95 - 30 =$ | |
| 7. $82 - 50 =$ | |
| 8. $79 - 30 =$ | |
| 9. $87 - 40 =$ | |
| 10. $59 - 40 =$ | |

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.

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

GOLD
TEST
8

My Target—Know pairs of multiples of 5 with a total of 100

Example of test questions
2 minutes allowed

| | | |
|---------|----|------|
| 1. 55 + | 45 | =100 |
| 2. 95+ | | =100 |
| 3. 15+ | | =100 |
| 4. 5+ | | =100 |
| 5. 45+ | | =100 |
| 6. 65+ | | =100 |
| 7. 25+ | | =100 |
| 8. 35+ | | =100 |
| 9. 75+ | | =100 |
| 10. 85+ | | =100 |

Ideas for helping your child
with this work

- A quick fire daily quiz
- Check they can add pairs of multiples of 10 which make 100 e.g. 90 + 10, 80 + 20, Look for patterns: 60 + 40, 50 + 50, 40 + 60 etc.
- Try multiples of 5. 95 + 5, 85 + 15, 75 + 25, 65 + 35 etc. Use a 100 square to help.

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

- <http://www.ictgames.com/>
- <http://www.conkermaths.org/cmweb.nsf/products/numberbondpairs.html>



Maths Homework Helper

GOLD
TEST
9

My Target—Rapid recall of 2,3,4,5 and 10 times tables

Example of test questions
2 minutes allowed

| | |
|--------------------|----|
| 1. $4 \times 3 =$ | 12 |
| 2. $10 \times 3 =$ | |
| 3. $9 \times 3 =$ | |
| 4. $8 \times 3 =$ | |
| 5. $3 \times 3 =$ | |
| 6. $7 \times 3 =$ | |
| 7. $5 \times 3 =$ | |
| 8. $6 \times 3 =$ | |
| 9. $1 \times 3 =$ | |
| 10. $2 \times 3 =$ | |

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 4×2 , 10×2 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

GOLD
TEST
10

My Target—Division facts for 2, 5 and 10 times tables

Example of test questions
2 minutes allowed

| | |
|------------------|---|
| 1. $4 \div 2 =$ | 2 |
| 2. $16 \div 2 =$ | |
| 5. $20 \div 2 =$ | |
| 4. $8 \div 2 =$ | |
| 5. $12 \div 2 =$ | |
| 6. $6 \div 2 =$ | |
| 7. $10 \div 2 =$ | |
| 8. $14 \div 2 =$ | |
| 9. $18 \div 2 =$ | |
| 10. $2 \div 2 =$ | |

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 16×2 , 18×2 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

GOLD
TEST
11

My Target—Derive quickly addition doubles to 20 + 20

Example of test questions
2 minutes allowed

| | |
|------------------|----|
| 1. 20 doubled = | 40 |
| 2. 16 doubled = | |
| 3. 13 doubled = | |
| 4. 17 doubled = | |
| 5. 18 doubled = | |
| 6. 12 doubled = | |
| 7. 19 doubled = | |
| 8. 15 doubled = | |
| 9. 11 doubled = | |
| 10. 14 doubled = | |

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 $10 + 10$.
- Finally when confident progress to $20 + 20$.
- 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

GOLD
TEST
12

My Target—Derive quickly halves of numbers to 40

Example of test questions
2 minutes allowed

| | |
|-----------------|----|
| 1. 30 halved = | 15 |
| 2. 38 halved = | |
| 3. 32 halved = | |
| 4. 26 halved = | |
| 5. 28 halved = | |
| 6. 22 halved = | |
| 7. 34 halved = | |
| 8. 30 halved = | |
| 9. 36 halved = | |
| 10. 24 halved = | |

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

GOLD
TEST
13

My Target—Double multiples of 5 to 100 (e.g. 85×2)

Example of test questions
2 minutes allowed

| | |
|---------------------|-----|
| 1. $55 \times 2 =$ | 110 |
| 2. $95 \times 2 =$ | |
| 3. $15 \times 2 =$ | |
| 4. $5 \times 2 =$ | |
| 5. $45 \times 2 =$ | |
| 6. $65 \times 2 =$ | |
| 7. $25 \times 2 =$ | |
| 8. $35 \times 2 =$ | |
| 9. $75 \times 2 =$ | |
| 10. $85 \times 2 =$ | |

Ideas for helping your child
with this work

- A quick fire daily quiz
- Recall multiples of 10 doubles
- Recall double 5.
- Practise doubling through partitioning e.g. 55 doubled is double 50 = 100, double 5 = 10, $100 + 10 = 110$.

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

- <http://www.ictgames.com/>
- [http://www.atschool.co.uk/
keystage2-ks2/maths.asp?
display=2303§ion=7155](http://www.atschool.co.uk/keystage2-ks2/maths.asp?display=2303§ion=7155)



Maths Homework Helper

GOLD
TEST
14

My Target—Double multiples of 50 to 500 (e.g. 450×2)

Example of test questions
2 minutes allowed

| | |
|-------------------|-----|
| 1. 250 doubled = | 500 |
| 2. 200 doubled = | |
| 3. 400 doubled = | |
| 4. 350 doubled = | |
| 5. 150 doubled = | |
| 6. 300 doubled = | |
| 7. 400 doubled = | |
| 8. 50 doubled = | |
| 9. 300 doubled = | |
| 10. 450 doubled = | |

Ideas for helping your child
with this work

- A quick fire daily quiz
- Recall multiples of 100 doubled
- Recall double 50.
- Practise doubling through partitioning e.g. 150 doubled is double 100 = 200, double 50 = 100, $200 + 100 = 300$.

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

- <http://www.ictgames.com/>
- <http://www.atschool.co.uk/keystage2-ks2/maths.asp?display=2303§ion=7155>



Maths Homework Helper

GOLD
TEST
15

My Target—Know all square numbers to 10 x 10

Example of test questions
2 minutes allowed

| | |
|---------------------|----|
| 1. $4 \times 4 =$ | 16 |
| 2. $7 \times 7 =$ | |
| 3. $10 \times 10 =$ | |
| 4. $2 \times 2 =$ | |
| 5. $8 \times 8 =$ | |
| 6. $6 \times 6 =$ | |
| 7. $3 \times 3 =$ | |
| 8. $1 \times 1 =$ | |
| 9. $5 \times 5 =$ | |
| 10. $9 \times 9 =$ | |

Ideas for helping your child
with this work

- A quick fire daily quiz.
- Chant tables
- Chant squared numbers
- Ask random questions 2×2 , 10×10 etc
- Chant square numbers 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.bbc.co.uk/bitesize/ks2/maths/>



Maths Homework Helper

GOLD
TEST
16

My Target—Know all tables, multiplication and division facts

Example of test questions
2 minutes allowed

| | |
|--------------------|----|
| 1. $4 \times 5 =$ | 20 |
| 2. $10 \times 3 =$ | |
| 3. $9 \times 8 =$ | |
| 4. $8 \times 7 =$ | |
| 5. $3 \times 6 =$ | |
| 6. $63 \div 7 =$ | |
| 7. $45 \div 9 =$ | |
| 8. $36 \div 6 =$ | |
| 9. $100 \div 5 =$ | |
| 10. $56 \div 8 =$ | |

Ideas for helping your child
with this work

- A quick fire daily quiz
- Recall $\times 2, \times 3, \times 4, \times 5, \times 6, \times 7, \times 8, \times 9, \times 10$ times tables.
- Recall $\div 2, \div 3, \div 4, \div 5, \div 6, \div 7, \div 8, \div 9, \div 10$ times tables.

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/>