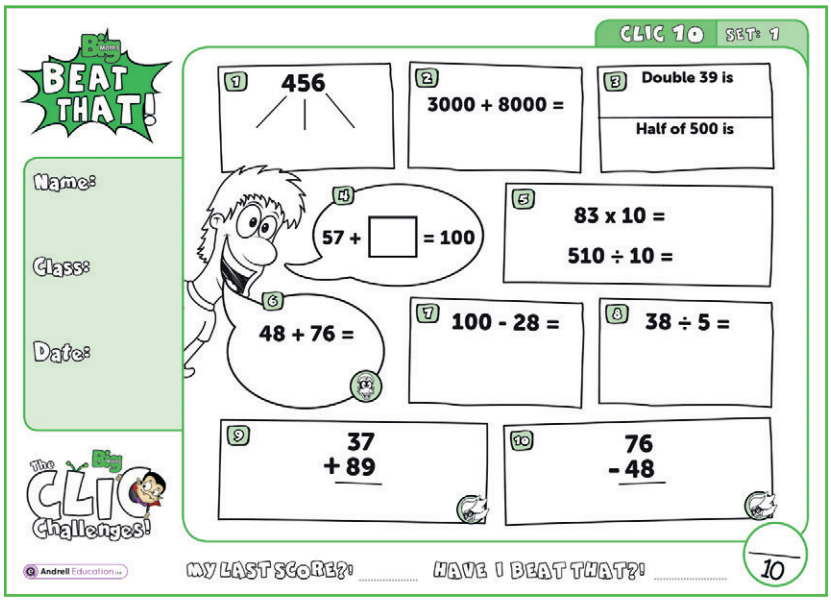
Big Maths

A Guide for Home Learning

CLIC 10

Introduction - CLIC 10

In school, each week, children complete a CLIC challenge. The answers that they provide tell their teacher what skils they understand and allow teachers to focus on teaching the skills that they don't (as well as new skills that will be taught). If your child completes their challenges online at school, you may have been sent a link to log on at home. This pupil log on only allows children to complete one challenge a week. We are currently building a new pupil area, which will help with home learning.



This guide provides you with a copy of a CLIC challenge, a description of the skill each question is challenging and some sample resources for each question to help with home learning. (A description of each of these resources is on the next page.) The key is to keep it fun, no pressure and limit the time to less than 20 minutes a day, unless your child wants to carry on!

Please seek and follow advice from your child's teacher and school!

What skill does each question challenge?

Question 1
I can partition a 3d number, then a 4d number

Question 2
I can add thousands

Question 3
I can double 2d numbers

Question 4
I can find the missing piece to 100

Question 5
I can multiply whole numbers by 10

Question 6
I can solve any 2d + 2d

Question 7
I can take any 2d number from 100

Question 8
I can use a Tables Fact to find a division fact (with remainders) (2, 3, 4, 5x tables)

Question 9
I can solve any 2d + 2d

Question 10
I can solve any 2d - 2d

Remember To's

Every step of learning (skill) in Big Maths has 'Remember to...'s. These are simple reminders for children to 'Remember to' do this, this, etc...

In Big Maths, we have divided complicated skills into small steps, provided 'Remember to...'s and examples to keep it simple for children.

A Progress Drive is a collection of skill steps that progress a child's learning to the point of mastering the larger objective.

Repeat Sheets

Repeat sheets contain a number of questions (usually 10) that you can use for repeat practice of a particular step. Please feel free to create your own repeat questions to avoid children simply memorising the questions and answers.

Revisit Sheets

Revisit sheets contain a number of questions (usually 10) that you can use which include a unit of measure applied to the numbers (It's Nothing New!) of a particular step. Please feel free to create your own revisit questions to avoid children simply memorising the questions and answers.

Real Life Maths Sheets

Real Life Maths sheets contain a number of questions (usually 5) where the questions have been placed into worded scenarios for a particular step, increasing the complexity and challenge further. Please feel free to create your own real life maths questions to avoid children simply memorising the questions and answers.

Select Sheets

Select sheets contain a number of worded questions (usually 5) which no longer automatically relate to the step we are on. These increase the complexity and challenge further still. Please feel free to create your own select questions to avoid children
simply memorising the questions and answers.

CLIC 10

The following CLIC challenge is an example for you to use to practice at home. We have included the answer sheet as well. Please feel free to create your own additional questions by changing the numbers for any that your child gets wrong. In this pack, there is additional advice for each question, with resources that can help with home learning. It is important that you use the correct challenge level as provided by your teacher.

Big Maths BEAT THAT!

Name:

Class:

Date:

1 456

2 3000 + 8000 =

3 Double 39 is

Half of 500 is

4 57 + ☐ = 100

5 83 x 10 =

510 ÷ 10 =

6 48 + 76 =

7 100 - 28 =

8 38 ÷ 5 =

9

$$\begin{array}{r} 37 \\ +\ 89 \\ \hline \end{array}$$

10

$$\begin{array}{r} 76 \\ -\ 48 \\ \hline \end{array}$$

The Big Maths CLIC Challenges!

MY LAST SCORE?! ..... HAVE I BEAT THAT?! .....

10

Big Maths BEAT THAT!

Name:

Class:

Date:

1 456

400 50 6

2 3000 + 8000 =

11000

3 Double 39 is

78

Half of 500 is

250

4 57 + 43 = 100

5 83 x 10 = 830

510 ÷ 10 = 51

6 48 + 76 =

124

7 100 - 28 =

72

8 38 ÷ 5 =

7 r 3

9

37
+ 89

126

10

76
- 48

28

The Big Maths CLIC Challenges!

MY LAST SCORE?! ..... HAVE I BEAT THAT?! .....

10

Question Practice Resources

Question 1 - I can partition a 3 digit number, then a 4 digit number

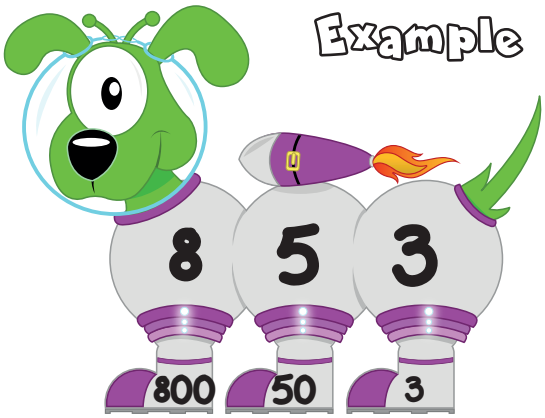
Remember to:

- write the 3d number
- draw the sticks
- copy the units digit
- copy the tens digit with a zero on the end
- copy the hundreds digit with 2 zeroes on the end

Repeat Questions

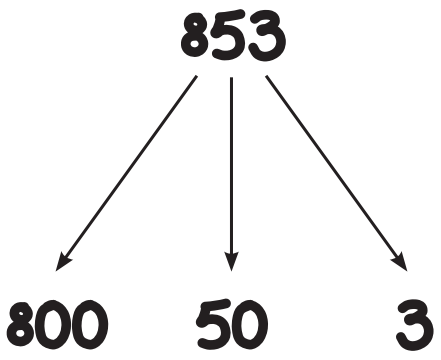
Step 2 — Place Value

I can partition a 3d number, then a 4d number



Remember to:

- write the 3d number
- draw the sticks
- copy the units digit
- copy the tens digit... with a zero on the end
- copy the hundreds digit... with 2 zeros on the end



1. **Partition 543**
2. **Partition 185**
3. **Partition 678**
4. **Partition 942**
5. **Partition 479**
6. **Partition 261**
7. **Partition 734**
8. **Partition 530**
9. **Partition 842**
10. **Partition 321**

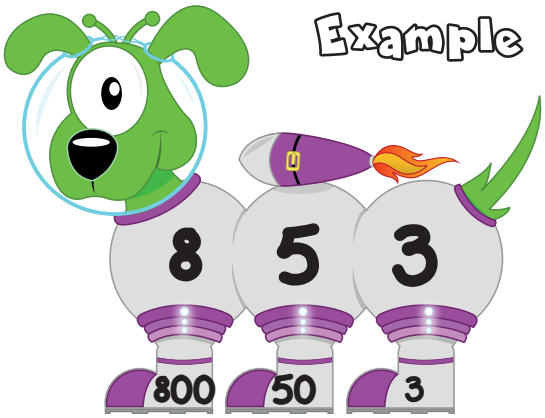
Big Maths Repeat Answers

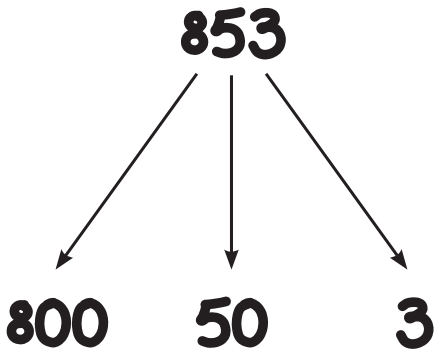
Step 2 — **Place Value**

I can partition a 3d number, then a 4d number

Remember to:

- write the 3d number
- draw the sticks
- copy the units digit
- copy the tens digit... with a zero on the end
- copy the hundreds digit... with 2 zeros on the end





1. 500, 40, 3
2. 100, 80, 5
3. 600, 70, 8
4. 900, 40, 2
5. 400, 70, 9
6. 200, 60, 1
7. 700, 30, 4
8. 500, 30, 0
9. 800, 40, 2
10. 300, 20, 1

Question Practice Resources

Question 2 - I can add thousands

Remember to:

- use your addition Learn Its
- swap 'the thing' to a thousand

Repeat Questions

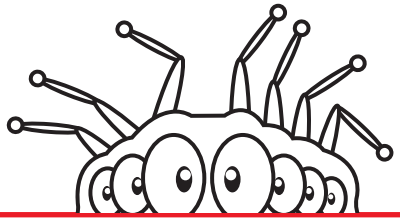
Step 3

INN: Addition and Subtraction

I can add thousands

Remember To:

- use your addition Learn Its
- swap 'the thing' to a thousand



1. 3000 + 2000 =

2. 4000 + 5000 =

3. 1000 + 1000 =

4. 6000 + 3000 =

5. 7000 + 2000 =

6. 3000 + 2000 =

7. 5000 + 4000 =

8. 1000 + 1000 =

9. 4000 + 4000 =

10. 2000 + 5000 =

Repeat Answers

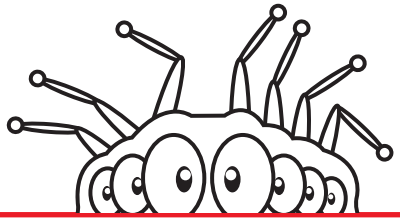
Step 3

INN: Addition and Subtraction

I can add thousands

Remember To:

- use your addition Learn Its
- swap 'the thing' to a thousand



1. 3000 + 2000 = **5000**
2. 4000 + 5000 = **9000**
3. 1000 + 1000 = **2000**
4. 6000 + 3000 = **9000**
5. 7000 + 2000 = **9000**
6. 3000 + 2000 = **5000**
7. 5000 + 4000 = **9000**
8. 1000 + 1000 = **2000**
9. 4000 + 4000 = **8000**
10. 2000 + 5000 = **7000**

Big Maths Revisit Questions

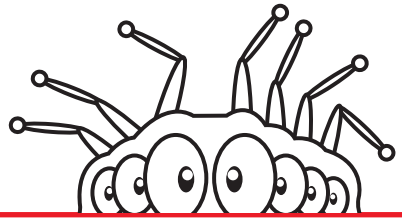
Step 3

INN: Addition and Subtraction

I can add thousands

Remember To:

- use your addition Learn Its
- swap 'the thing' to a thousand



1 **3000m + 2000m =**

2 **4000cm + 5000cm =**

3 **1000km + 1000km =**

4 **6000g + 3000g =**

5 **7000mg + 2000mg =**

6 **3000L + 2000L =**

7 **5000ml + 4000ml =**

8 **1000s + 1000s =**

9 **4000mm + 4000mm =**

10 **2000kg + 5000kg =**

Big Maths **Revisit** Answers

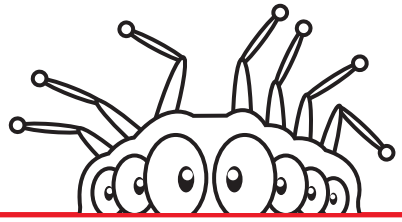
Step 3

INN: Addition and Subtraction

I can add thousands

Remember To:

- use your addition Learn Its
- swap 'the thing' to a thousand



1. 3000m + 2000m = **5000m**
2. 4000cm + 5000cm = **9000cm**
3. 1000km + 1000km = **2000km**
4. 6000g + 3000g = **9000g**
5. 7000mg + 2000mg = **9000mg**
6. 3000L + 2000L = **5000L**
7. 5000ml + 4000ml = **9000ml**
8. 1000s + 1000s = **2000s**
9. 4000mm + 4000mm = **8000mm**
10. 2000kg + 5000kg = **7000kg**

Real Life Maths Questions

Step 3

INN: Addition and Subtraction

I can add thousands

Remember to:

- use your Addition Learn Its
- swap 'the thing' to a thousand

1 **Pim has 4000 rocks and his friend gives him 3000 more. How many rocks does Pim have?**

2 **There are 8000 marbles in one jar and 5000 marbles in another jar. How many marbles are there altogether?**

3 **Mully bought a car for £9000 and accessories for £3000. How much did it cost altogether?**

4 **Pom is 5000cm tall. Pim is 3000cm tall. How tall are they together?**

5 **What is 8000 add 7000?**

Real Life Maths Answers

Step 3

INN: Addition and Subtraction

I can add thousands

Remember to:

- use your Addition Learn Its
- swap 'the thing' to a thousand

1 **Pim has 4000 rocks and his friend gives him 3000 more. How many rocks does Pim have?**

Pim has 7000 rocks.

2 **There are 8000 marbles in one jar and 5000 marbles in another jar. How many marbles are there altogether?**

There are 13000 marbles.

3 **Mully bought a car for £9000 and accessories for £3000. How much did it cost altogether?**

It cost £12000 altogether.

4 **Pom is 5000cm tall. Pim is 3000cm tall. How tall are they together?**

They are 8000cm tall together.

5 **What is 8000 add 7000?**

The answer is 15000.

Question Practice Resources

Question 3 - I can double 2 digit numbers

Remember to:

- partition the 2d number
- double the tens
- double the units
- put them back together again

Repeat Questions

Step 3 — **Doubling With Pim (With Crossing 10)**

I can double 2d numbers

Remember To:

learn that, double...

- partition the 2d number
- double the tens
- double the units
- put them back together again

1 **Double 88 is**

2 **Double 76 is**

3 **Double 67 is**

4 **Double 79 is**

5 **Double 56 is**

6 **Double 98 is**

7 **Double 69 is**

8 **Double 84 is**

9 **Double 73 is**

10 **Double 99 is**

Repeat Answers

Step 3 — **Doubling With Pim (With Crossing 10)**

I can double 2d numbers

Remember To:

learn that, double...

- partition the 2d number
- double the tens
- double the units
- put them back together again

1. Double 88 is 176
2. Double 76 is 152
3. Double 67 is 134
4. Double 79 is 158
5. Double 56 is 112
6. Double 98 is 196
7. Double 69 is 138
8. Double 84 is 168
9. Double 73 is 146
10. Double 99 is 198

Big Maths **Revisit** Questions

Step 3 — **Doubling With Pim (With Crossing 10)**

I can double 2d numbers

Remember To:

learn that, double...

- partition the 2d number
- double the tens
- double the units
- put them back together again

1 **Double 88m is**

2 **Double 76cm is**

3 **Double 67km is**

4 **Double 77g is**

5 **Double 56mg is**

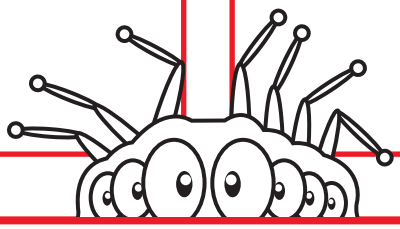
6 **Double 99L is**

7 **Double 69ml is**

8 **Double 84s is**

9 **Double 73mm is**

10 **Double 99kg is**



Revisit Answers

Step 3 — Doubling With Pim (With Crossing 10)

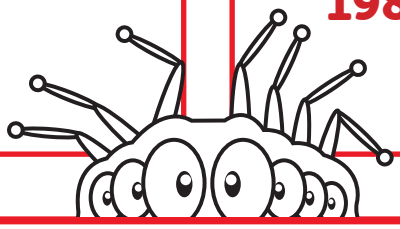
I can double 2d numbers

Remember To:

learn that, double...

- partition the 2d number
- double the tens
- double the units
- put them back together again

1. **Double 88m is 176m**
2. **Double 76cm is 152cm**
3. **Double 67km is 134km**
4. **Double 77g is 154g**
5. **Double 56mg is 112mg**
6. **Double 99L is 198L**
7. **Double 69ml is 138ml**
8. **Double 84s is 168s**
9. **Double 73mm is 146mm**
10. **Double 99kg is 198kg**



Real Life Maths Questions

Step 3 — **Doubling With Pim (With Crossing 10)**

I can double 2d numbers

Remember to:

- partition the 2d number
- double the tens
- double the ones (units)
- put them back together again

1. **Pim has 2 boxes of marbles. Each box contains 65 marbles. How many marbles are there in total?**

2. **There are 87 people at a party. Each person gets 2 pieces of cake. How many slices of cake are there in total?**

3. **A box of Lego costs £78. How much do 2 boxes cost?**

4. **Pim buys 2 boxes of apples. Each box costs £69. How much does it cost in total?**

5. **What is double 99?**

Real Life Maths Answers

Step 3 — **Doubling With Pim (With Crossing 10)**

I can double 2d numbers

Remember to:

- partition the 2d number
- double the tens
- double the ones (units)
- put them back together again

1 **Pim has 2 boxes of marbles. Each box contains 65 marbles. How many marbles are there in total?**

There are 130 marbles in total.

2 **There are 87 people at a party. Each person gets 2 pieces of cake. How many slices of cake are there in total?**

There are 174 pieces of cake.

3 **A box of Lego costs £78. How much do 2 boxes cost?**

They cost £156.

4 **Pim buys 2 boxes of apples. Each box costs £69. How much does it cost in total?**

It costs £138 in total.

5 **What is double 99?**

The answer is 198.

Question Practice Resources

Question 4 - I can find the missing piece to 100

Remember to:

- make the units digit total 10
- make the tens digit total 9

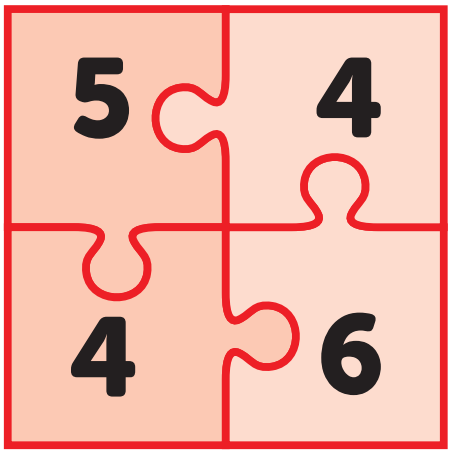
Repeat Questions

Step 3 — **INN: Number Bonds to 10**

I can find the missing piece to 100

Remember to:

- make the units digits total 10
- make the tens digits total 9



= 100

1. 12 + ☐ = 100
2. ☐ + 81 = 100
3. 94 + ☐ = 100
4. 76 + ☐ = 100
5. 47 + ☐ = 100
6. 55 + ☐ = 100
7. ☐ + 43 = 100
8. ☐ + 34 = 100
9. 28 + ☐ = 100
10. ☐ + 14 = 100

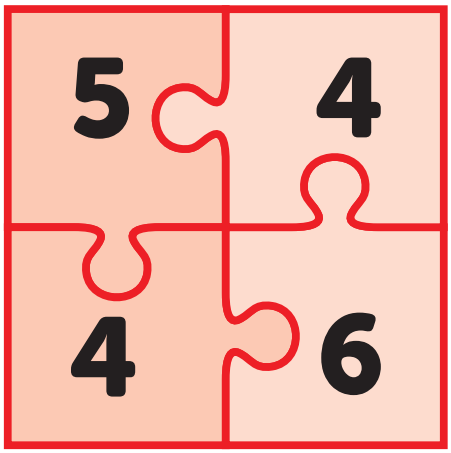
Repeat Answers

Step 3 — **INN: Number Bonds to 10**

I can find the missing piece to 100

Remember to:

- make the units digits total 10
- make the tens digits total 9



= 100

1. 12 + **88** = 100
2. **19** + 81 = 100
3. 94 + **6** = 100
4. 76 + **24** = 100
5. 47 + **53** = 100
6. 55 + **45** = 100
7. **57** + 43 = 100
8. **66** + 34 = 100
9. 28 + **72** = 100
10. **86** + 14 = 100

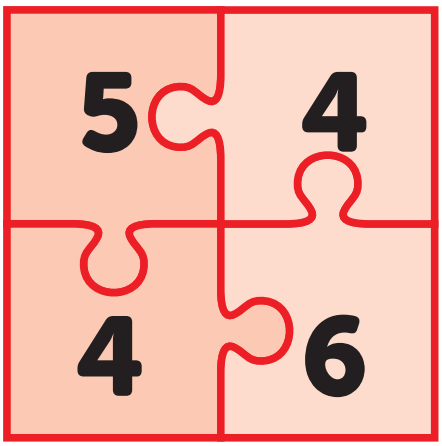
Big Maths Revisit Questions

Step 3 **INN: Number Bonds to 10**

I can find the missing piece to 100

Remember to:

- make the units digits total 10
- make the tens digits total 9



= 100

1. 12m + ☐ = 100m
2. ☐ + 81cm = 100cm
3. 94km + ☐ = 100km
4. 76g + ☐ = 100g
5. 47mg + ☐ = 100mg
6. 55L + ☐ = 100L
7. ☐ + 43ml = 100ml
8. ☐ + 34s = 100s
9. 28mm + ☐ = 100mm
10. ☐ + 14kg = 100kg

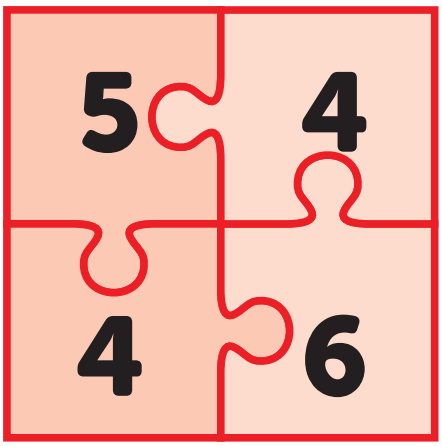
Big Maths **Revisit** Answers

Step 3 **INN: Number Bonds to 10**

I can find the missing piece to 100

Remember to:

- make the units digits total 10
- make the tens digits total 9



= 100

1. 12m + **88m** = 100m
2. **19cm** + 81cm = 100cm
3. 94km + **6km** = 100km
4. 76g + **24g** = 100g
5. 47mg + **53mg** = 100mg
6. 55L + **45L** = 100L
7. **57ml** + 43ml = 100ml
8. **66s** + 34s = 100s
9. 28mm + **72mm** = 100mm
10. **86kg** + 14kg = 100kg

Real Life Maths Questions

Step 3 — **INN: Number Bonds to 10**

I can find the missing piece to 100

Remember to:

- make the ones (units) digits total 10
- make the tens digits total 9

1. **Mully wants 100 apples. He has 65 apples. How many more apples does he need?**

2. **Pim wants £100. He has £41. How much more money does he need?**

3. **Speedy Col has a jug containing 37L of water. The jug can hold 100L. How much liquid can she still pour in?**

4. **What is the missing piece: 85 + [ ] = 100?**

5. **Pim drove 64km. He needs to cover 100km in total. How far does he still have to drive?**

Real Life Maths Answers

Step 3 — **INN: Number Bonds to 10**

I can find the missing piece to 100

Remember to:

- make the ones (units) digits total 10
- make the tens digits total 9

1 **Mully wants 100 apples. He has 65 apples. How many more apples does he need?**

He needs 35 more apples.

2 **Pim wants £100. He has £41. How much more money does he need?**

He still needs £59.

3 **Speedy Col has a jug containing 37L of water. The jug can hold 100L. How much liquid can she still pour in?**

She can still pour in 63L of water.

4 **What is the missing piece: 85 + [ ] = 100?**

The missing piece is 15.

5 **Pim drove 64km. He needs to cover 100km in total. How far does he still have to drive?**

He still has to drive 36km.

Question Practice Resources

Question 5 - I can multiply whole numbers by 10

Remember to:

- place a zero on the units end
- remember that this moves the digits one place to the left
- remember that this makes the number 10 times bigger

Repeat Questions

Step 1 — Multiplying by 10

I can multiply whole numbers by 10

Remember To:

- place a zero on the units end
- remember that this moves the digits one place to the left
- remember that this makes the number 10 times bigger

1. **55 x 10 =**
2. **43 x 10 =**
3. **34 x 10 =**
4. **68 x 10 =**
5. **48 x 10 =**
6. **89 x 10 =**
7. **84 x 10 =**
8. **13 x 10 =**
9. **90 x 10 =**
10. **11 x 10 =**

Repeat Answers

Step 1 — Multiplying by 10

I can multiply whole numbers by 10

Remember To:

- place a zero on the units end
- remember that this moves the digits one place to the left
- remember that this makes the number 10 times bigger

1. 55 x 10 = 550
2. 43 x 10 = 430
3. 34 x 10 = 340
4. 68 x 10 = 680
5. 48 x 10 = 480
6. 89 x 10 = 890
7. 84 x 10 = 840
8. 13 x 10 = 130
9. 90 x 10 = 900
10. 11 x 10 = 110

Big Maths Revisit Questions

Step 1 — Multiplying by 10

I can multiply whole numbers by 10

Remember To:

- place a zero on the units end
- remember that this moves the digits one place to the left
- remember that this makes the number 10 times bigger

1. **55m x 10 =**
2. **43cm x 10 =**
3. **34km x 10 =**
4. **68g x 10 =**
5. **48mg x 10 =**
6. **89L x 10 =**
7. **84ml x 10 =**
8. **13s x 10 =**
9. **90mm x 10 =**
10. **11kg x 10 =**

Revisit Answers

Step 1 — **Multiplying by 10**

I can multiply whole numbers by 10

Remember To:

- place a zero on the units end
- remember that this moves the digits one place to the left
- remember that this makes the number 10 times bigger

1. 55m x 10 = 550m
2. 43cm x 10 = 430cm
3. 34km x 10 = 340km
4. 68g x 10 = 680g
5. 48mg x 10 = 480mg
6. 89L x 10 = 890L
7. 84ml x 10 = 840ml
8. 13s x 10 = 130s
9. 90mm x 10 = 900mm
10. 11kg x 10 = 110kg

Real Life Maths Questions

Step 1 — **Multiplying by 10**

I can multiply whole numbers by 10

Remember to:

- place a zero on the ones (units) end
- remember that this moves the digits one place to the left
- remember that this makes the number 10 times bigger

1 **Pim has 14 boxes. Each box has 10 sweets. How many sweets are there in total?**

2 **There are 37 people at a party. Each person gets 10 gifts. How many gifts are there in total?**

3 **A box of Lego costs £52. How much do 10 boxes cost?**

4 **A box of oranges weighs 23kg. There are 10 boxes. What is the total weight?**

5 **Pim has 10 jugs of water. Each jug contains 41L. How much water is there in total?**

Real Life Maths Answers

Step 1 — **Multiplying by 10**

I can multiply whole numbers by 10

Remember to:

- place a zero on the ones (units) end
- remember that this moves the digits one place to the left
- remember that this makes the number 10 times bigger

1 **Pim has 14 boxes. Each box has 10 sweets. How many sweets are there in total?**

There are 140 sweets in total.

2 **There are 37 people at a party. Each person gets 10 gifts. How many gifts are there in total?**

There are 370 gifts in total.

3 **A box of Lego costs £52. How much do 10 boxes cost?**

They cost £520.

4 **A box of oranges weighs 23kg. There are 10 boxes. What is the total weight?**

The total weight is 230kg.

5 **Pim has 10 jugs of water. Each jug contains 41L. How much water is there in total?**

There is 410L of water.

Question Practice Resources

Question 6 - I can solve any 2 digit + 2 digit

Remember to:

- partition the numbers
- write out the 2 new questions
- add the units
- add the tens
- add the units answer to the tens answer

Repeat Questions

Step 25 — **Addition**

I can solve any 2d + 2d

Remember To:

- partition the numbers
- write out the 2 new questions
- add the units
- add the tens
- add the units answer to the tens answer

1. 32 + 96 =
2. 53 + 44 =
3. 24 + 38 =
4. 49 + 77 =
5. 41 + 94 =
6. 72 + 50 =
7. 31 + 36 =
8. 22 + 13 =
9. 16 + 32 =
10. 22 + 28 =

Repeat Answers

Step 25 — **Addition**

I can solve any 2d + 2d

Remember To:

- partition the numbers
- write out the 2 new questions
- add the units
- add the tens
- add the units answer to the tens answer

1. 32 + 96 = 128
2. 53 + 44 = 97
3. 24 + 38 = 62
4. 49 + 77 = 126
5. 41 + 94 = 135
6. 72 + 50 = 122
7. 31 + 36 = 67
8. 22 + 13 = 35
9. 16 + 32 = 48
10. 22 + 28 = 50

Big Maths Revisit Questions

Step 25 — **Addition**

I can solve any 2d + 2d

Remember To:

- partition the numbers
- write out the 2 new questions
- add the units
- add the tens
- add the units answer to the tens answer

1. **21mg + 96mg =**

2. **57g + 84g =**

3. **24km + 38km =**

4. **49m + 77m =**

5. **41g + 94g =**

6. **72mg + 50mg =**

7. **67km + 36km =**

8. **13m + 13m =**

9. **18L + 38L =**

10. **62kg + 28kg =**

Big Maths Revisit Answers

Step 25 — **Addition**

I can solve any 2d + 2d

Remember To:

- partition the numbers
- write out the 2 new questions
- add the units
- add the tens
- add the units answer to the tens answer

1. 21mg + 96mg = **117mg**
2. 57g + 84g = **141g**
3. 24km + 38km = **62km**
4. 49m + 77m = **126m**
5. 41g + 94g = **135g**
6. 72mg + 50mg = **122mg**
7. 67km + 36km = **103km**
8. 13m + 13m = **26m**
9. 18L + 38L = **56L**
10. 62kg + 28kg = **90kg**

Real Life Maths Questions

Step 25 — **Addition**

I can solve any 2d + 2d

Remember to:

- partition the numbers
- write out the 2 new questions
- add the ones (units)
- add the tens
- add the units answer to the tens answer

1 **Pim has 28 sweets and his friend gives him 59 more. How many sweets does Pim have?**

2 **There are 85 apples in one box and 37 apples in another box. How many apples are there altogether?**

3 **Pom bought toys for £37 and books for £28. How much did he spend?**

4 **Pim has 78ml of water in a jug. He adds 67ml more. How much liquid is in the jug?**

5 **Mully has 45kg of rocks on the weighing scales. He adds 51kg more. What is the weight on the scales?**

Real Life Maths Answers

Step 25 — **Addition**

I can solve any 2d + 2d

Remember to:

- partition the numbers
- write out the 2 new questions
- add the ones (units)
- add the tens
- add the units answer to the tens answer

1 **Pim has 28 sweets and his friend gives him 59 more. How many sweets does Pim have?**

Pim has 87 sweets.

2 **There are 85 apples in one box and 37 apples in another box. How many apples are there altogether?**

There are 122 apples.

3 **Pom bought toys for £37 and books for £28. How much did he spend?**

Pom spent £65.

4 **Pim has 78ml of water in a jug. He adds 67ml more. How much liquid is in the jug?**

There is 145ml in the jug.

5 **Pim has 45kg of rocks on the weighing scales. He adds 51kg more. What is the weight on the scales?**

There is 96kg on the scales.

Big Maths Select Questions

Step 25 — **Addition**

I can solve any 2d + 2d

Remember To:

- partition the numbers
- write out the 2 new questions
- add the ones
- add the tens
- add the ones answer to the tens answer

1

There are sixty pencils in a box. Ali takes thirty six pencils. Rachel takes half as many pencils as Ali. How many pencils are left in the box?

2

Two red bricks and one blue are put in a straight line as shown. The blue brick measures 25cm. The red brick is 10cm shorter than the blue brick. What is the total length of the three bricks?

3

A banana costs 28p. I buy 2 bananas and an apple and get 20p change when I pay with a £1 coin. How much does the apple cost?

4

James leaves his house at 35 minutes past 8 in the morning to walk to the bus stop. It takes him 18 minutes. The bus is due at exactly 9 o'clock. How long does he have to wait for the bus?

5

Nina buys a pencil and a rubber. The pencil costs 24p and the rubber costs twice as much as the pencil. She pays for both with the coins shown. How much change does she get?

Select Answers

Step 25 — **Addition**

I can solve any 2d + 2d

Remember To:

- partition the numbers
- write out the 2 new questions
- add the ones
- add the tens
- add the ones answer to the tens answer

1

There are 6 pencils left in the box.

2

The total length of all three bricks is 55cm.

3

An apple costs 24 pence.

4

He has 7 minutes to wait for the bus.

5

He gets 3 pence change.

Question Practice Resources

Question 7 - I can take any 2 digit number from 100

Remember to:

- find the gap to the next multiple of 10
- find the gap from that multiple of 10 to 100
- add the 2 gaps, or
- make the tens digits add to 9
- make the units digits add to 10

Repeat Questions

Step 28 — **Subtraction**

I can take any 2d number from 100

Remember To:

- find the gap to the next multiple of 10
- find the gap from that multiple of 10 to 100
- add the 2 gaps, or
- make the tens digits add to 9
- make the units digits add to 10

1. **100 - 29 =**
2. **100 - 70 =**
3. **100 - 73 =**
4. **100 - 66 =**
5. **100 - 23 =**
6. **100 - 99 =**
7. **100 - 55 =**
8. **100 - 28 =**
9. **100 - 75 =**
10. **100 - 71 =**

Repeat Answers

Step 28

Subtraction

I can take any 2d number from 100

Remember To:

- find the gap to the next multiple of 10
- find the gap from that multiple of 10 to 100
- add the 2 gaps, or
- make the tens digits add to 9
- make the units digits add to 10

1. 100 - 29 = 71
2. 100 - 70 = 30
3. 100 - 73 = 27
4. 100 - 66 = 34
5. 100 - 23 = 77
6. 100 - 99 = 1
7. 100 - 55 = 45
8. 100 - 28 = 72
9. 100 - 75 = 25
10. 100 - 71 = 29

Big Maths Revisit Questions

Step 28 Subtraction

I can take any 2d number from 100

Remember To:

- find the gap to the next multiple of 10
- find the gap from that multiple of 10 to 100
- add the 2 gaps, or
- make the tens digits add to 9
- make the units digits add to 10

1 **100m - 20m =**

2 **100cm - 60cm =**

3 **100km - 43km =**

4 **100g - 88g =**

5 **100mg - 45mg =**

6 **100L - 99L =**

7 **100ml - 55ml =**

8 **100s - 28s =**

9 **100mm - 75mm =**

10 **100kg - 71kg =**

Big Maths Revisit Answers

Step 28 — **Subtraction**

I can take any 2d number from 100

Remember To:

- find the gap to the next multiple of 10
- find the gap from that multiple of 10 to 100
- add the 2 gaps, or
- make the tens digits add to 9
- make the units digits add to 10

1. 100m - 20m = **80m**
2. 100cm - 60cm = **40cm**
3. 100km - 43km = **57km**
4. 100g - 88g = **12g**
5. 100mg - 45mg = **55mg**
6. 100L - 99L = **1L**
7. 100ml - 55ml = **45ml**
8. 100s - 28s = **72s**
9. 100mm - 75mm = **25mm**
10. 100kg - 71kg = **29kg**

Real Life Maths Questions

Step 28 — **Subtraction**

I can take any 2d number from 100

Remember to:

- find the gap to the next multiple of 10
- find the gap from that multiple of 10 to 100
- add the 2 gaps, or
- make the tens digits add to 9
- make the units digits add to 10

1 **Speedy Col made a pile of 100 planks of wood. She took away 67 from the pile. How many are in the pile now?**

2 **Pim went to the shop with £100. He bought flowers for £18. How much money does he have left?**

3 **Pom has 100ml of coffee in a jug. He poured out 56ml. How much coffee is in the jug?**

4 **Mully had to run 100km. So far he has run 29km. What is the total distance he has to go?**

5 **Pom is 100cm tall. Pim is 75cm tall. How much taller is Pom?**

Real Life Maths Answers

Step 28 — **Subtraction**

I can take any 2d number from 100

Remember to:

- find the gap to the next multiple of 10
- find the gap from that multiple of 10 to 100
- add the 2 gaps, or
- make the tens digits add to 9
- make the units digits add to 10

1 **Speedy Col made a pile of 100 planks of wood. She took away 67 from the pile. How many are in the pile now?**

There 33 planks of wood in the pile.

2 **Pim went to the shop with £100. He bought flowers for £18. How much money does he have left?**

He has £82 left.

3 **Pom has 100ml of coffee in a jug. He poured out 56ml. How much coffee is in the jug?**

There is 44ml of coffee in the jug.

4 **Mully had to run 100km. So far he has run 29km. What is the total distance he has to go?**

He still has to go 71km.

5 **Pom is 100cm tall. Pim is 75cm tall. How much taller is Pom?**

Pom is 25cm taller.

Big Maths Select Questions

Step 28 — **Subtraction**

I can take any 2d number from 100

Remember To:

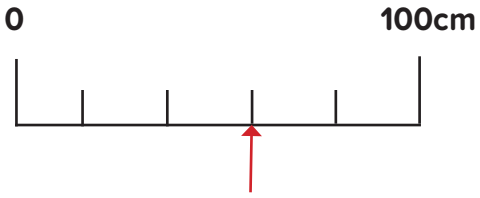
- find the gap to the next multiple of 10
- find the gap from that multiple of 10 to 100
- add the 2 gaps, or
- make the tens digits add to 9
- make the units digits add to 10

1

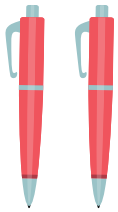
Which is the odd one out?

$\frac{1}{2}$ m + 10cm

1m - 70cm



2



Pens cost 50p each. Amelia wants to buy two pens. She has these coins in one pocket of her coat. How much more does she need?

3

What number is shown by the letter 'm' in this picture?

4

Faisal completes four laps of his local park for a sponsored walk. The total time taken to complete all four laps is one hour and forty minutes. The times for the first three laps are 21 minutes, 23 minutes and 26 minutes. How long did he take to complete the final lap?

5

Rachel and Cora find a tray with exactly 100 building blocks in the shape of a cube. Forty six of the cubes are green and the remainder are red. They make something using just half of the red cubes. The unused cubes are left in the tray. How many cubes are in the tray?

Select Answers

Step 28 — **Subtraction**

I can take any 2d number from 100

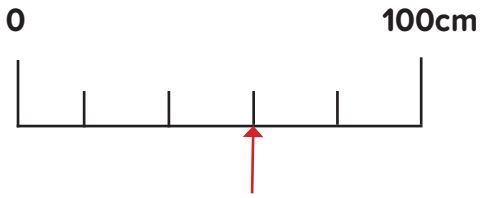
Remember To:

- find the gap to the next multiple of 10
- find the gap from that multiple of 10 to 100
- add the 2 gaps, or
- make the tens digits add to 9
- make the units digits add to 10

1

$\frac{1}{2}$ m + 10cm

1m - 70cm



2

Amelia needs another 33p to be able to buy the pens.

3

m = 22

4

His final lap took him 30 minutes.

5

73 cubes are left in the tray.

Question Practice Resources

Question 8 - I can use a Tables Fact to find a division fact (with remainders) (2, 3, 4, 5x tables)

Remember to:

- use your Learn Its and Fact Families to give the answer
- say the remainder

Repeat Questions

Step 17 — **Division**

I can use a Tables Fact to find a division fact (with remainders) (2, 3, 4, 5x tables)

Remember To:

- use your Learn Its and Fact Families to give the answer
- say the remainder

1. $8 \div 3 =$
2. $22 \div 3 =$
3. $11 \div 2 =$
4. $11 \div 3 =$
5. $6 \div 5 =$
6. $3 \div 2 =$
7. $7 \div 3 =$
8. $23 \div 4 =$
9. $25 \div 3 =$
10. $19 \div 2 =$

Repeat Answers

Step 17 — **Division**

I can use a Tables Fact to find a division fact (with remainders) (2, 3, 4, 5x tables)

Remember To:

- use your Learn Its and Fact Families to give the answer
- say the remainder

1. 8 ÷ 3 = 2 r2
2. 22 ÷ 3 = 7 r1
3. 11 ÷ 2 = 5 r1
4. 11 ÷ 3 = 3 r2
5. 6 ÷ 5 = 1 r1
6. 3 ÷ 2 = 1r 1
7. 7 ÷ 3 = 2 r1
8. 23 ÷ 4 = 5 r3
9. 25 ÷ 3 = 8 r1
10. 19 ÷ 2 = 9 r1

Big Maths Revisit Questions

Step 17 — **Division**

I can use a Tables Fact to find a division fact (with remainders) (2, 3, 4, 5x tables)

Remember To:

- use your Learn Its and Fact Families to give the answer
- say the remainder

1. **10m ÷ 3 =**

2. **20cm ÷ 3 =**

3. **11km ÷ 2 =**

4. **11g ÷ 3 =**

5. **6mg ÷ 5 =**

6. **3L ÷ 2 =**

7. **7ml ÷ 3 =**

8. **23s ÷ 4 =**

9. **25mm ÷ 3 =**

10. **19kg ÷ 2 =**

Revisit Answers

Step 17 — **Division**

I can use a Tables Fact to find a division fact (with remainders) (2, 3, 4, 5x tables)

Remember To:

- use your Learn Its and Fact Families to give the answer
- say the remainder

1. 10m ÷ 3 = 3m r1m
2. 20cm ÷ 3 = 6cm r2cm
3. 11km ÷ 2 = 5km r1km
4. 11g ÷ 3 = 3g r2g
5. 6mg ÷ 5 = 1mg r1mg
6. 3L ÷ 2 = 1L r1L
7. 7ml ÷ 3 = 2ml r1ml
8. 23s ÷ 4 = 5s r3s
9. 25mm ÷ 3 = 8mm r1mm
10. 19kg ÷ 2 = 9kg r1kg

Real Life Maths Questions

Step 17 — **Division**

I can use a Tables Fact to find a division fact (with remainders) (2, 3, 4, 5x tables)

Remember to:

- use your 'Learn Its' and Fact Families to give the answer.
- say the remainder

1 **Pim has 19 stickers. He shared them between 4 people. How many stickers does each person get? How many stickers are left over?**

2 **There are 3 people at a party. Pim has 16 sweets to share. How many sweets does each person get? How many sweets are left over?**

3 **Pim has £13. He shares the money between 5 people. How much does each person get? How much is left over?**

4 **Pim ran 18km in total. Each lap is 4km. How many full laps did he do? What distance is left over?**

5 **What is 8 shared by 3? What is the remainder?**

Real Life Maths Answers

Step 17 — **Division**

I can use a Tables Fact to find a division fact (with remainders) (2, 3, 4, 5x tables)

Remember to:

- use your 'Learn Its' and Fact Families to give the answer.
- say the remainder

1 **Pim has 19 stickers. He shared them between 4 people. How many stickers does each person get? How many stickers are left over?**

Each person gets 4 stickers. 3 stickers are left over.

2 **There are 3 people at a party. Pim has 16 sweets to share. How many sweets does each person get? How many sweets are left over?**

Each person gets 5 sweets. The remainder is 1.

3 **Pim has £13. He shares the money between 5 people. How much does each person get? How much is left over?**

Each person gets £2. There is £3 left over.

4 **Pim ran 18km in total. Each lap is 4km. How many full laps did he do? What distance is left over?**

He did 4 laps. There is 2km left over.

5 **What is 8 shared by 3? What is the remainder?**

The answer is 2. The remainder is 2.

Big Maths Select Questions

Step 17 — **Division**

I can use a Tables Fact to find a division fact (with remainders) (2, 3, 4, 5x tables)

Remember To:

- use your Learn Its and Fact Families to give the answer
- say the remainder

1

The yellow rectangle is 2cm long. What is length of a blue rectangle?

2

Cup cakes are sold in boxes of four. Thirty children are expected at a birthday party. How many boxes of cup cakes will need to be so there is a cake for every child? If one box costs 50p, then what is the total cost of the cakes?

3

Jenny wants to divide this box of strawberries into groups with the same number in each group. If she tries to make three groups then there is one left over. If she makes four groups then there are the same number of strawberries in each group! How many strawberries in the box?

4

Which is the odd one out?

62p - 50p

(50 ÷ 5) + 2p

$\frac{1}{4}$ of 44p

5

Danny says that you cannot share this amount of money between four people so that they each get the same amount. Do you agree?

Select Answers

Step 17

Division

I can use a Tables Fact to find a division fact (with remainders) (2, 3, 4, 5x tables)

Remember To:

- use your Learn Its and Fact Families to give the answer
- say the remainder

1

The length of one blue rectangle is 5cm.

2

8 boxes of cup cakes would need to be bought.
The total cost of all the cupcakes would be £4.00

3

There are 16 strawberries in the box.

4

62p - 50p

(50 ÷ 5) + 2p

$\frac{1}{4}$ of 44p

5

Yes, I agree with Danny as there is 39 pence there.

Question Practice Resources

Question 9 - I can solve any 2 digit + 2 digit

Big Maths Repeat Questions

Step 2 — **Addition Column Methods**

I can solve any 2d + 2d

Example

$$\begin{array}{r} 76 \\ +\ 48 \\ \hline 124 \\ \hline {\scriptstyle 1} \end{array}$$

1. 34 + 74
2. 25 + 96
3. 90 + 17
4. 56 + 88
5. 77 + 50
6. 73 + 53
7. 72 + 80
8. 45 + 78
9. 67 + 69
10. 34 + 71

Big Maths **Repeat** Answers

Step 2 — **Addition Column Methods**

I can solve any 2d + 2d

Example

$$\begin{array}{r} 76 \\ +\ 48 \\ \hline 124 \\ \hline {\scriptstyle 1} \end{array}$$

1. 34 + 74 = 108
2. 25 + 96 = 121
3. 90 + 17 = 107
4. 56 + 88 = 144
5. 77 + 50 = 127
6. 73 + 53 = 126
7. 72 + 80 = 152
8. 45 + 78 = 123
9. 67 + 69 = 136
10. 34 + 71 = 105

Question Practice Resources

Question 10 - I can solve any 2 digit - 2 digit

Repeat Questions

Step 2 — **Subtraction Column Methods**

I can solve any 2d - 2d

Example

$$\begin{array}{r} {}^{6}\not{7}^{1}6 \\ -\ 48 \\ \hline 28 \end{array}$$

1. 73 - 24

2. 89 - 41

3. 87 - 59

4. 67 - 38

5. 93 - 85

6. 56 - 31

7. 99 - 73

8. 72 - 58

9. 82 - 43

10. 78 - 39

Repeat Answers

Step 2 — **Subtraction Column Methods**

I can solve any 2d - 2d

Example

$$\begin{array}{r} {}^{6}\not{7}^{1}6 \\ -\ 48 \\ \hline 28 \end{array}$$

1. 73 - 24 = 49
2. 89 - 41 = 48
3. 87 - 59 = 28
4. 67 - 38 = 29
5. 93 - 85 = 8
6. 56 - 31 = 25
7. 99 - 73 = 26
8. 72 - 58 = 14
9. 82 - 43 = 39
10. 78 - 39 = 39