

A Guide for Home Learning CLIC 15

## Introduction - CLIC 15

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 understand 2dp numbers

## Question 2

I can halve any 3d number

## Question 3

I can divide whole numbers by 10 or 100 giving decimal answers

## Question 4

I can find factors

## Question 5

I can solve 3d-2d

## Question 6

I can solve any $3 d+2 d$

## Question 7

I can solve 1d $\times 2 \mathrm{~d}$ (2, 3, 4, 5 times tables)

## Question 8

I can combine 2 or more Tables Facts to solve division (with remainders:
2, 3, 4, 5 times tables)

## Question 9

I can solve any 3d-2d

## Question 10

I can solve a $2 \mathrm{~d} \times 1 \mathrm{~d}$

## 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 15

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.



## Question Practice Resources

## I can understand 2 decimal place numbers

## Remember to:

- order the numbers by their whole numbers
- then, if they have the same whole number, order by the tenths digit
- then, if they have the same tenths digit, order by the hundredths digit


## Repeat Questions

## Remember To:

Step
7
Mastery of Numbers

I can understand 2dp numbers

(2) $\quad \mathbf{5 . 4 2}<\mathbf{6 . 2 9}$

(4) $4.37<5.02$

6
$5.17>4.99$
$3.91>2.91$


9
$6.11<5.05$

Repeat Answers

## Remember To:

Step
7
Mastery of Numbers

I can understand 2dp numbers


3


5


9


10

Revisit Questions

## Step

7

I can understand 2dp numbers

## Remember To:

- order the numbers by their whole numbers
- then, if they have the same whole number, order by the tenths digit
- then, if they have the same tenths digit, order by the hundredths digit
(2) $3.22 \mathrm{~cm}<7.29 \mathrm{~cm}$


### 2.45m < 8.61m

## $9.43 \mathrm{~km}>$ <br> 7.41 km

## 4 $3.36 \mathrm{~g}<\mathbf{6 . 5 2 g}$

## 6) $5.99 \mathrm{~L}>4.99 \mathrm{~L}$

## 8 <br> $6.75 \mathrm{~s}>5.29 \mathrm{~s}$

## 10

### 9.21kg > 9.21kg

## Revisit Answers

Step
7

I can understand 2dp numbers


3


5


9


## Remember To:

- order the numbers by their whole numbers
- then, if they have the same whole number, order by the tenths digit
- then, if they have the same tenths digit, order by the hundredths digit


## true

## 4

true

## true



10


## Question Practice Resources

## Question 2 - I can halve any 3 digit number

## Remember to:

- partition the 3d number
- half the hundreds
- half the tens
- half the units
- put them back together again

Repeat Questions

Step
6
Halving With Pim

I can halve any 3d number

Remember To:

- partition the 3d number
- half the hundreds
- half the tens
- half the units
- put them back together again
$\square$
$\square$
5 Half of 300 is


9
Half of $\mathbf{1 2 3}$ is
2) Half of 188 is

4 Half of 573 is

## 6. Half of 420 is


10. Half 273 of is

## Repeat Answers



## Remember To:

- partition the 3d number
- half the hundreds
- half the tens
- half the units
- put them back together again


5) Half of $\mathbf{3 0 0}$ is $\mathbf{1 5 0}$
$\square$
9
Half of 123 is 61.5
6) Half of $\mathbf{1 8 8}$ is $\mathbf{9 4}$
4. Half of $\mathbf{5 7 3}$ is $\mathbf{2 8 6 . 5}$
5. Half of $\mathbf{4 2 0}$ is 210

10) Half 273 of is 136.5

Maths Revisit Questions

$\square$
$\square$
5 Half of 300 mg is

## Remember To:

- partition the 3d number
- half the hundreds
- half the tens
- half the units
- put them back together again

3 Half of 987 km is
2) Half of 188 cm is

4
Half of 345 m is

6 Half of 420L is

8 Half of 765s is
7 Half of 821 ml is

9 Half of 123 mm is
(10) Half 273 kg of is


Revisit Answers


1. Half of 573 g is $\mathbf{2 8 6 g}$ and a half
2. Half of 420L is 210L


Half of 821 ml is 410 ml and a half

Remember To:

- partition the 3d number
- half the hundreds
- half the tens
- half the units
- put them back together again

2) Half of 188 cm is 94 cm

4
Half of 345 m is 172 m and a half

6 Half of 987 km is 493 km and a half

8 Half of 765s is 382 s and a half

Half of 123 mm is 61 mm and a half
(10) Half 273 kg of is 136 kg and a half


## Real Life Maths Questions

## Step

 6I can halve any 3d number

## Remember to:

- partition the 3d number
- halve the hundreds
- halve the tens
- halve the ones (units)
- put them back together again

Pim has 532 oranges. He shares them between 2 friends. How many oranges does each friend have?
2) Pom has 784L of water. He pours it into 2 barrels. How much water is in each barrel?

3 Mully has 379 kg of salt. He puts it into 2 piles. How much salt is in each pile?

4
What is half of $\mathbf{9 7 5}$ ?

5
Pim shared $£ 468$ between two friends. How much money does each friend have?

## Real Life Maths Answers

I can halve any 3d number

## Remember to:

- partition the 3d number
- halve the hundreds
- halve the tens
- halve the ones (units)
- put them back together again

Pim has 532 oranges. He shares them between 2 friends. How many oranges does each friend have?

They have 266 oranges each.
2) Pom has 784L of water. He pours it into $\mathbf{2}$ barrels. How much water is in each barrel?

There is 392L of water in each barrel.

3
Mully has 379 kg of salt. He puts it into 2 piles. How much salt is in each pile?

There is 189.5 kg of salt in each pile.

4
What is half of 975 ?

The answer is 487.5.

## Pim shared $£ 468$ between two friends. How much money does

 each friend have?They have $£ 234$ each.

## Question Practice Resources

## Question 3 - I can divide whole numbers by 10 or 100 giving decimal answers

## Remember to:

- move the digits one place to the right
- remember that this makes the number 10 times smaller (adapt accordingly for dividing by 100)


## Repeat Questions

## Remember To:

- move the digits one place to the right
- remember that this makes the number 10 times smaller (adapt accordingly for dividing by 100)

(2) $566 \div 100=$

4) $432 \div 10=$

5) $333 \div 10=$
6) $542 \div 100=$

## Repeat Answers

## Step

2
Dividing by 10

I can divide whole numbers by 10 or 100 giving decimal answers

## Remember To:

- move the digits one place to the right
- remember that this makes the number 10 times smaller (adapt accordingly for dividing by 100)
(2) $566 \div 100=5.66$

4) $432 \div \mathbf{1 0}=\mathbf{4 3 . 2}$

6 $422 \div 100=4.22$


10 $542 \div 100=5.42$

Step
2
Dividing by 10

I can divide whole numbers by 10 or 100 giving decimal answers

## Remember To:

- move the digits one place to the right
- remember that this makes the number 10 times smaller (adapt accordingly for dividing by 100)


5) $769 \mathrm{mg} \div 10=$


Revisit Answers

## Step

2

I can divide whole numbers by 10 or 100 giving decimal answers

## Remember To:

- move the digits one place to the right
- remember that this makes the number 10 times smaller (adapt accordingly for dividing by 100)


10 $542 \mathrm{~kg} \div 100=$ 5.42 kg

## Real Life Maths Questions

Step

I can divide whole numbers by 10 or 100 giving decimal answers

## Remember to:

- move the digits one place to the right
- remember that this makes the number 10 times smaller (adapt accordingly for dividing by 100)

Pim has 65 kg of apples. He shared them between 10 people. How many kilograms of apples does each person get?

Pom has 447 kg of rocks. He makes 100 piles. How many kilograms of rocks are in each pile?

3
Count Fourways ran 325km in total. He did 10 laps. How far was each lap?

4
Mully has a barrel containing 185L of water. He pours it into 100 cups. How much water is in each cup?

5
What is $\mathbf{8 6}$ shared by $\mathbf{1 0 ?}$

## Real Life Maths Answers

Step
2

I can divide whole numbers by 10 or 100 giving decimal answers

## Remember to:

- move the digits one place to the right
- remember that this makes the number 10 times smaller (adapt accordingly for dividing by 100)

Pim has 65 kg of apples. He shared them between 10 people. How many kilograms of apples does each person get?

Each person gets 6.5 kg of apples.

2
Pom has 447 kg of rocks. He makes 100 piles. How many kilograms of rocks are in each pile?

There are 4.47 kg of rocks in each pile.

3
Count Fourways ran 325km in total. He did 10 laps. How far was each lap?

Each lap was 32.5 km .

4
Mully has a barrel containing 185L of water. He pours it into 100 cups. How much water is in each cup?

Each cup contains 1.85L of water.

5
What is $\mathbf{8 6}$ shared by $\mathbf{1 0 ?}$

The answer is 8.6.

## Question Practice Resources

Question

Repeat Questions


Frociople

(1) What are the factors of 36 ?
(2) What are the factors of 48?
(3) What are the factors of 28?
(4) What are the factors of 66 ?
(5) What are the factors of 56?
(6) What are the factors of 74 ?
(7) What are the factors of 78?
(8) What are the factors of $\mathbf{1 8}$ ?
(9) What are the factors of 62?
(10) What are the factors of 75?


Broonple

(2) What are the factors of 48?
(4) What are the factors of 66 ?
(6) What are the factors of 74?
(6) $1,2,37,74$
(5) What are the factors of 56 ?
(7) What are the factors of 78?

1, 2, 3, 6, 13, 26, 39, 78
(9) What are the factors of $\mathbf{6 2}$ ?
(8) What are the factors of 18 ? 1, 2, 3, 6, 9, 18

What are the factors of 75?
$1,3,5,15,25,75$

## Question Practice Resources

## Question 5 - I can solve 3 digit - 2 digit

## Remember to:

- show the gap on a number line
- draw a line at 100
- jump to 100
- jump from 100
- add the two jumps


## Repeat Questions

## Remember To:

- show the gap on a number line
- draw a line at 100
- jump to 100
- jump from 100
- add the two jumps

I can solve 3d-2d
$\square$
(3) $693-93=$
5) $286-57=$


9
704-70 =
2) 623-32=
4) 297-43=
6) $\mathbf{3 0 1}-\mathbf{1 0}=$


10
287-11 =

## Repeat Answers



I can solve 3d-2d

## Remember To:

- show the gap on a number line
- draw a line at 100
- jump to 100
- jump from 100
- add the two jumps

$\square$

5) $286-57=229$

| 7) $344-91=253$ |
| :--- |
|  |
| 9. $704-70=634$ |

2) $623-32=591$
4. $297-43=254$
6) $\mathbf{3 0 1}-\mathbf{1 0}=\mathbf{2 9 1}$

7) $287-11=276$

## Revisit Questions



I can solve 3d-2d

## Remember To:

- show the gap on a number line
- draw a line at 100
- jump to 100
- jump from 100
- add the two jumps


9
$704 \mathrm{~mm}-70 \mathrm{~mm}=$

2
$523 \mathrm{~cm}-21 \mathrm{~cm}=$

397g-43g =

8
622s-13s =

10 $287 \mathrm{~kg}-11 \mathrm{~kg}=$

Revisit Answers


I can solve 3d-2d

## Remember To:

- show the gap on a number line
- draw a line at 100
- jump to 100
- jump from 100
- add the two jumps

$\square$

$\square$



4) $397 \mathrm{~g}-43 \mathrm{~g}=354 \mathrm{~g}$

6 $301 \mathrm{~L}-10 \mathrm{~L}=\mathbf{2 9 1} \mathrm{L}$

8
622s-13s = 609s

10

## 287kg-11kg = 276kg

## Real Life Maths Questions

Step
30

## Remember to:

- show the gap on a number line
- draw a line at 100
- jump to 100
- jump from 100
- add the two jumps

Pim has 132 berries. He gave his friend 21 berries. How many berries does Pim have now?

2
Pim made a pile of 312 coins. He took away 45 coins from the pile. How many coins are in the pile now?

3
Pim went to the shop with $£ 256$. He bought a guitar for $£ 34$. How much money does he have left?

4
Pim has 652 ml of water in a jug. He poured out 79 ml . How much liquid is in the jug?

5
Pom is 727 cm tall. Pim is 53 cm tall. How much taller is Pom?

## Real Life Maths Answers

Subtraction

I can solve 3d-2d

## Remember to:

- show the gap on a number line
- draw a line at 100
- jump to 100
- jump from 100
- add the two jumps

Pim has 132 berries. He gave his friend 21 berries. How many berries does Pim have now?

Pim now has 111 sweets.

2
Pim made a pile of 312 coins. He took away 45 coins from the pile. How many coins are in the pile now?

There are 267 coins in the pile.

3
Pim went to the shop with $£ 256$. He bought a guitar for $£ 34$. How much money does he have left?

He has $£ 222$ left.

4
Pim has 652 ml of water in a jug. He poured out 79 ml . How much liquid is in the jug?

There is 573 ml of water in the jug.

5
Pom is 727 cm tall. Pim is 53 cm tall. How much taller is Pom?

Pom is 674 cm taller.

Select Questions

Step
30

## Remember To:

- show the gap on a number line
- draw a line at 100
- jump to 100
- jump from 100
- add the two jumps

I can solve 3d-2d

1
An equilateral triangle has sides of 25 mm . A rectangle measures 110 mm by 18 mm . How much longer is the perimeter of the
 rectangle than the triangle?

2


Jamie buys two pineapples and two oranges and gets 92p change from £4. If the oranges cost 28 p each, then what is the cost of a pineapple?

3
The distance between $A$ and $B$ is 95 m . The distance between $A$ and $C$ is 0.86 km . What is the distance between $B$ and $C$ ?

A B

0.86km


Rory buys two bottles of water each holding 330ml. He drinks one fifth of the water from one of the bottles. His friend, Kate, drinks one third of the water from the other bottle. Which bottle has more water left in it? How much more?

Becky says that you would need twenty seven cubes to build this larger cube. Do you agree or disagree? Can you prove it? How many more cubes would you need to build an even larger cube that had thirty six cubes on each face?

## Select Answers

## Remember To:

- show the gap on a number line
- draw a line at 100
- jump to 100

I can solve 3d-2d

- jump from 100
- add the two jumps

The perimeter of the rectangle is 181 mm longer than the perimeter of the triangle.

The cost of a pineapple is $£ 1.56$

3

The distance between $B$ and $C$ is 765 m .

Rory's water bottle has more water left. Rory drank 66 ml of water. Kate drank 110 ml of water.

No, I disagree as the cube is 4 cubes wide and high so therefore you would need 64 cubes.
If a face had 36 cubes then the cube is $6 \times 6 \times 6$. You would need 216 cubes to make this cube.

## Question Practice Resources

## Question 6 - I can solve any 3 digit + 2 digit

## Remember to:

- park up the 100 s
- solve the $2 d$ add $2 d$
- add the 100 s back on


## Repeat Questions

## Remember To:

- park up the 100 s
- solve the $2 d+2 d$
- add the 100 s back on

I can solve any $3 d+2 d$

5) $510+13=$


## Repeat Answers

## Remember To:

Step
27

## Addition

I can solve any $3 d+2 d$

- park up the 100 s
- solve the $2 d+2 d$
- add the 100 s back on

$\square$

5) $510+13=523$

6) $825+41=866$

6. $204+69=273$
7. $917+67=984$
8. $991+60=1051$

Revisit Questions


I can solve any $3 d+2 d$

## Remember To:

- park up the 100 s
- solve the $2 d+2 d$
- add the 100 s back on


5) $510 \mathrm{~kg}+13 \mathrm{~kg}=$


9
$321 m+62 m=$

2 $825 \mathrm{~g}+41 \mathrm{~g}=$

6. $204 \mathrm{~mm}+69 \mathrm{~mm}=$


10 $991 \mathrm{~km}+60 \mathrm{~km}=$

Revisit Answers


I can solve any $3 d+2 d$

## Remember To:

- park up the 100 s
- solve the $2 d+2 d$
- add the 100 s back on

4 $511 \mathrm{~L}+19 \mathrm{~L}=530 \mathrm{~L}$


9
$321 m+62 m=383 m$

$8 \quad 817 s+67 s=884 s$

10 $991 \mathrm{~km}+60 \mathrm{~km}=$ 1051 km

## Real Life Maths Questions

Step
27

## Addition

I can solve any $3 d+2 d$

Remember to:

- park up the 100s
- solve the $2 d$ add $2 d$
- add the 100 s back on

What is the sum of 843 and $98 ?$

2
Mully has 676L of orange juice in a barrel. He adds 76L more. How much liquid is in the barrel?

3
Pom is $\mathbf{2 0 9} \mathbf{c m}$ tall. Pim is $\mathbf{8 7} \mathbf{c m}$ tall. How tall are they together?

4
Speedy Col made a pile of 793 sweets. She put 38 more sweets in the pile. How many are in the pile now?

5
Pim has 562 sweets. Pom has 76 sweets. How many do they have altogether?

## Real Life Maths Answers

Step
27

## Addition

I can solve any 3d + 2d

## Remember to:

- park up the 100s
- solve the $2 d$ add $2 d$
- add the 100s back on

What is the sum of 843 and $98 ?$

The answer is 941.

2
Mully has 676L of orange juice in a barrel. He adds 76L more. How much liquid is in the barrel?

There is 752L of liquid in the barrel.

3
Pom is 209 cm tall. Pim is $\mathbf{8 7 c m}$ tall. How tall are they together?

They are 296 cm tall together.

4
Speedy Col made a pile of 793 sweets. She put 38 more sweets in the pile. How many are in the pile now?

There are 831 sweets in the pile now.

5 Pim has 562 sweets. Pom has 76 sweets. How many do they have altogether?

They have 638 sweets altogether.

## Select Questions



## Remember To:

- park up the 100 s
- solve the 2d add 2d
- add the 100 s back on


2

What is the length of the blue rectangle?

| $?$ | $\frac{3}{4} \mathrm{~m}$ |  |
| :---: | :---: | :---: |
| $1 \frac{1}{2} \mathrm{~m}$ | 58 cm |  |

3


The cost of a large container of strawberries is $£ 2.95$.
Two pears cost a total of 76p. What is the total cost of the strawberries and one pear?

## Double 115 mins

Which is the
odd one out?

## $3 \frac{3}{4}$ hours $\quad 300 \mathrm{mins}-1 \frac{1}{4}$ hours

The last time Wayne checked his money box he found it held £4.65. How much will he have when these five coins are put in the money box?


## Select Answers

## Addition

## Remember To:

- park up the 100 s
- solve the 2d add 2d
- add the 100 s back on

I can solve any $3 d+2 d$

The total weight is altogether is 355 g .

2

The length of the blue rectangle is 133 cm .

3

The total cost is $£ 3.33$.

5

He will have $£ 5.52$ when he puts the coins in the moneybox.

## Question Practice Resources

## Question 7 - I can solve 1 digit x 2 digit (2, 3, 4, 5x tables)

## Remember to:

- partition the $2 d$ number
- write out the 2 questions
- times the units
- times the tens (Smile Multiplication)
- add the answers to find the total


## Repeat Questions

## Remember To:

- partition the 2 d number
- write out the 2 questions
- times the units
- times the tens (Smile Multiplication)
- add the answers to find the total


5) $4 \times 22=$


9
$2 \times 41=$


4 $3 \times 92=$

10) $4 \times 27=$

Repeat Answers

## Step

I can solve $1 d \times 2 d(2,3,4,5 x$ tables)

## Remember To:

- partition the 2 d number
- write out the 2 questions
- times the units
- times the tens (Smile Multiplication)
- add the answers to find the total)


5) $4 \times 22=88$


9
$2 \times 41=82$
$4 \times 27=108$

## Repeat Questions

## Remember To:

- partition the 2 d number
- write out the 2 questions
- times the units
- times the tens (Smile Multiplication)
- add the answers to find the total

(2) $3 \times 45=$


9
$3 \times 32=$

Repeat Answers

## Step

I can solve $1 d \times 2 d(2,3,4,5 x$ tables)

## Remember To:

- partition the 2 d number
- write out the 2 questions
- times the units
- times the tens (Smile Multiplication)
- add the answers to find the total)


10
$3 \times 42=126$

## Remember To:

- partition the 2 d number
- write out the 2 questions
- times the units
- times the tens (Smile Multiplication)
- add the answers to find the total


5) $5 \mathrm{mg} \times 22=$


9
$2 \times 41 \mathrm{~mm}=$

$4 \times 27 \mathrm{~kg}=$

Revisit Answers


11

I can solve $1 d \times 2 d(2,3,4,5 x$ tables)

## Remember To:

- partition the 2 d number
- write out the 2 questions
- times the units
- times the tens (Smile Multiplication)
- add the answers to find the total)
$\square$


5) $5 \mathrm{mg} \times 22=110 \mathrm{mg}$


6 $2 \mathrm{~L} \times 71=142 \mathrm{~L}$
$84 \mathrm{~s} \times 49=196 \mathrm{~s}$

10
$4 \times 27 \mathrm{~kg}=108 \mathrm{~kg}$

## Revisit Questions

## Remember To:

- partition the 2 d number
- write out the 2 questions
- times the units
- times the tens (Smile Multiplication)
- add the answers to find the total


9
$3 \times 52 \mathrm{~kg}=$

Revisit Answers


11

I can solve $1 d \times 2 d(2,3,4,5 x$ tables)

## Remember To:

- partition the 2 d number
- write out the 2 questions
- times the units
- times the tens (Smile Multiplication)
- add the answers to find the total)
$\square$


5. $3 \mathrm{~cm} \times 43=129 \mathrm{~cm}$


## Real Life Maths Questions



## Remember to:

- partition the 2d number
- write out the 2 questions
- times the ones (units)
- times the tens (Smile Multiplication)
- add the answers to find the total

14 friends put together their sweets. They each have 52 sweets. How many are there in total?
2) A box of chocolates has 5 options in it. How many chocolates are in 34 boxes?

3 A box of oranges weighs 3 kg . There are $\mathbf{2 5}$ boxes. What is the total weight?

4 A jug contains 5L of water. There are 43 jugs. How much water is there in total?

## Real Life Maths Answers



## Remember to:

- partition the 2d number
- write out the 2 questions
- times the ones (units)
- times the tens (Smile

Multiplication)

- add the answers to find the total

4 friends put together their sweets. They each have 52 sweets. How many are there in total?

There are 208 sweets.
2) A box of chocolates has 5 options in it. How many chocolates are in 34 boxes?

There are 170 chocolates.

3
A box of oranges weighs 3 kg . There are $\mathbf{2 5}$ boxes. What is the total weight?

The total weight is 75 kg .

4 A jug contains 5L of water. There are 43 jugs. How much water is there in total?

There is 215 L in total.

The answer is 132.

Select Questions

## Step

## Multiplication

I can solve $1 \mathrm{~d} \times 2 \mathrm{~d}$ ( $2,3,4,5 \times$ tables)

## Remember To:

- partition the 2d number
- write out the 2 questions
- times the units
- times the tens (Smile Multiplication)
- add the answers to find the total

Plastic containers of strawberries are reduced to 89p for a 'quick sale'. Chris wants to make some homemade strawberry jam and so buys five containers. How much change will he get from £5?


A pack of three pencils costs $46 p$.
Rachel has $£ 2$ to spend on pencils.
How many pencils can she buy? What change does she get?


3
In one box there are 48 pens. Jamie buys four boxes because you get an extra box free when you buy four boxes. How many pens is that altogether?

A regular pentagon and a square have the same perimeter. If each side of the regular pentagon measures 32 cm , then what is the length of the side of the square?

Cup cakes are sold in two different sizes - small and large. The large size costs $48 p$ each. James buys four cup cakes - three large and one small. He pays with a £2 coin and gets $26 p$ change. What does a small cup cake cost?

## Select Answers

## Remember To:

- partition the $2 d$ number
- write out the 2 questions
- times the units

I can solve $1 \mathrm{~d} \times 2 \mathrm{~d}(2,3,4,5 \times$
tables)

- times the tens (Smile Multiplication)
- add the answers to find the total

He will get 55 pence change.

2

Rachel can buy 4 packs of pencils ( 12 pencils)
She would get 16 pence in change.

3

That is 240 pens altogether.

The length of one side of the square is 40 cm .

A small cupcake costs 30p.

## Question Practice Resources

Question 8 - I can combine 2 or more Tables Facts to solve division (with remainders:
2, 3, 4, 5 times tables)

## Remember to:

- think of 10 lots
- see how many more there are
- add on how many lots this is too
- find the remainder


## Repeat Questions

## Remember To:

I can combine 2 or more Tables
Facts to solve division (with remainders) ( $2,3,4,5 \times$ tables)

## Division

- think of 10 lots
- see how many more there are
- see how many more there are
- add on how many lots this is too
- find the remainder


5) $35 \div 2=$


9
$31 \div 2=$

4) $73 \div 5=$
6. $35 \div 3=$

10) $37 \div 3=$

Repeat Answers

## Remember To:

Step

## Division

I can combine 2 or more Tables
Facts to solve division (with remainders) ( $2,3,4,5 \times$ tables)

- think of 10 lots
- see how many more there are
- add on how many lots this is too
- find the remainder


5) $35 \div 2=17 r 1$

7 $66 \div 5=13 r 1$



## Revisit Questions

## Remember To:

- think of 10 lots
- see how many more there are
- add on how many lots this is too
- find the remainder

Facts to solve division (with
remainders) ( $2,3,4,5 \times$ tables)
$\square$

5) $35 \mathrm{mg} \div 2=$


Revisit Answers

## Remember To:

- think of 10 lots
- see how many more there are
- add on how many lots this is too
- find the remainder

I can combine 2 or more Tables
Facts to solve division (with remainders) ( $2,3,4,5 \times$ tables)
$\square$
5) $35 \mathrm{mg} \div 2=17 \mathrm{mg}$ r1mg
7. $66 \mathrm{ml} \div 5=13 \mathrm{ml} \mathrm{r} 1 \mathrm{ml}$


4) $73 \mathrm{~g} \div 5=14 \mathrm{gr} 3 \mathrm{~g}$


10 $37 \mathrm{~kg} \div 3=12 \mathrm{~kg} \mathrm{r} 1 \mathrm{~kg}$

## Real Life Maths Questions

Step
19
I can combine 2 or more Tables Facts to solve division (with remainders) ( $2,3,4,5 \times$ tables )

## Remember to:

- think of 10 lots
- see how many more there are
- add on how many lots this is too
- find the remainder

Pim has 23 toys. He shared them between 2 people. How many toys does each person get? How many toys are left over?
2) There are 5 people at a party. Pim has 72 sweets to share. How many sweets does each person get? How many sweets are left over?

Pim has $£ 37$. He shares the money between 3 people. How much does each person get? How much money is left?

Pim has a jug containing 50L of water. He pours it into 4 jugs. How much liquid is in each jug? How much water is left?

## Real Life Maths Answers

Step
19
I can combine 2 or more Tables Facts to solve division (with remainders) ( $2,3,4,5 \times$ tables )

## Remember to:

- think of 10 lots
- see how many more there are
- add on how many lots this is too
- find the remainder

Pim has 23 toys. He shared them between 2 people. How many toys does each person get? How many toys are left over?

Each person gets 11 toys. There is 1 toy left over.
2) There are 5 people at a party. Pim has 72 sweets to share. How many sweets does each person get? How many sweets are left over?

Each person gets 14 sweets. There are 2 sweets left over.

Pim has $£ 37$. He shares the money between 3 people. How much does each person get? How much money is left?

Each person gets $£ 12$. There is $£ 1$ left over.

Pim has a jug containing 50L of water. He pours it into 4 jugs. How much liquid is in each jug? How much water is left?

There is 12 L of water in each jug. There is 2 L left over.

What is 54 shared by $\mathbf{4 ?}$ What is the remainder?

The answer is 13. The remainder is 2.

Select Questions

## Step

19
I can combine 2 or more Tables
Facts to solve division (with remainders) (2, 3, 4, $5 \times$ tables)

## Remember To:

- think of 10 lots
- see how many more there are
- add on how many lots this is too
- find the remainder

The red rectangle is 4 cm long. What is length of a green rectangle?


2 Annie and Ben are making 2D shapes with different lengths of ribbon. They agree that the lengths of any shapes that they make will be a whole number of centimetres. The shapes will also all be regular. Starting with a length of ribbon 88 cm long, what is the largest pentagon they can make?


3


A shops sells packs of apples with three apples in every pack. A teacher has twenty eight pupils in his class. If he wants to give every child two apples each, then how many packs will he have to buy?

Which is the odd one out?

Tom looks at the coins he has in his pocket. He says that if he had another $3 p$, then he could share his money equally between four people. Agree or disagree?


## Select Answers

## Remember To:

## Step

Division

I can combine 2 or more Tables
Facts to solve division (with
remainders) (2, 3, 4, $5 \times$ tables)

- think of 10 lots
- see how many more there are
- add on how many lots this is too
- find the remainder

The length of a green rectangle is 7 cm .

The size of the largest pentagon they can make is 80 cm .

He would have to buy 19 packs.

Yes, I agree with Tom.

## Question Practice Resources

Question 9 - I can solve any 3 digit - 2 digit

Repeat Questions


Fiscinple

(3) $266-55$
(5) 312-78

(6) 721-99
8) 566-23
10. 653-81

Repeat Answers


Ezample

1761-42 = 719
36
(5) $312-78=234$
(2) $566-98=468$
4. $\mathbf{8 8 8}-\mathbf{7 6}=\mathbf{8 1 2}$
6) $721-99=622$
8) $566-23=543$
10) $653-81=572$

## Question Practice Resources

Question 10 - I can solve a 2 digit 1 digit


Troniple

$$
\begin{array}{r}
35 \\
\begin{array}{r}
5 \\
\hline
\end{array} \\
\hline 175
\end{array}
$$


5) $33 \times 3$

(10) $20 \times 4$

## : Ment <br> Repeat Answers



Ersonple

$$
\begin{array}{r}
2 \\
35 \\
\times \quad 5 \\
\hline 175
\end{array}
$$

$\square$
$\square$
5. $33 \times 3=99$

2. $44 \times 2=88$

4 $49 \times 2=98$
6) $25 \times 3=75$
8. $10 \times 5=50$
$1020 \times 4=80$

