

A Guide for Home Learning CLIC 8

## Introduction - CLIC 8

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 count along in 4 ways: 50s

## Question 2

I know the Fact Families for 1d + 1d facts

## Question 3

I can double 2d numbers

## Question 4

I can double 2d multiples of 10

## Question 5

I can add 10 to a $2 d$ tens number

## Question 6

1 can add 10 to any $2 d$ number

## Question 7

I can add a 1d number to a multiple of 10

## Question 8

I can take 10 from a multiple of 10

## Question 9

I can take 10 from a 2 d number
Question 10
I can take a multiple of 10 from a multiple of 10

## 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 8

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

Question 1 - I can count along in 4 ways: 50 s

## Repeat Questions


(1) $\mathbf{5 0}, \mathbf{1 0 0}$,
(2) 150, 200,
(3) 250,300 ,
(4) 750,800 ,
(5) $\mathbf{4 0 0}, \mathbf{4 5 0}$,
(6) $\mathbf{6 0 0}, \mathbf{6 5 0}$,
(7) 350,400 ,
(8) 1050,1100 ,
(9) 500,550 ,
(10) 900, 950,

## B <br> Repeat Answers


(1) $\mathbf{5 0}, \mathbf{1 0 0}, \mathbf{1 5 0}, \mathbf{2 0 0}$
$\mathbf{2 5 0}$
(3) $\mathbf{2 5 0}, \mathbf{3 0 0}, 350,400$,
(5) $400,450,500,550$, 600
(7) $350,400,450,500$, 550
(9) $500,550,600,650$, 700
(2) $\mathbf{1 5 0} 350$ 200, 250, 300,
(4) $750,800,850,900$, 950
(6) $\mathbf{6 0 0}, \mathbf{6 5 0}, 700,750$, 800
(8) $1050,1100,1150$, 1200, 1250
(10) 900, 950, 1000, 1050, 1100

## BMant <br> Revisit Questions


(1) $\mathbf{7 5 0 g}, 800 \mathrm{~g}$,
(3) $600 \mathrm{~L}, 650 \mathrm{~L}$,
(4) $50 \mathrm{~m}, \mathbf{1 0 0} \mathrm{~m}$,
(5) 1050s, 1100s,
(7) $\mathbf{3 5 0 m l}, 400 \mathrm{ml}$,
(9) $\mathbf{5 0 0} \mathrm{mm}, \mathbf{5} 50 \mathrm{~mm}$,
(10) $900 \mathrm{~kg}, 950 \mathrm{~kg}$,
(8) $400 \mathrm{mg}, \mathbf{4 5 0 m g}$,

## Revisit Answers


(1) $\mathbf{7 5 0 g}, 800 \mathrm{~g}, \mathbf{8 5 0 g}$, 900g, 950g
(3) $\mathbf{6 0 0 L}, 650 \mathrm{~L}, 700 \mathrm{~L}$, 750L, 800L
(5) 1050s, 1100s, 1150s, 1200s, 1250s
(7) $350 \mathrm{ml}, 400 \mathrm{ml}$, $450 \mathrm{ml}, 500 \mathrm{ml}, 550 \mathrm{ml}$
$500 \mathrm{~mm}, 550 \mathrm{~mm}$,
(9) $600 \mathrm{~mm}, 650 \mathrm{~mm}$, 700 mm
$150 \mathrm{~cm}, 200 \mathrm{~cm}$,
(2) $250 \mathrm{~cm}, 300 \mathrm{~cm}$, 350 cm
(4) $\mathbf{5 0 m}, \mathbf{1 0 0 m}, 150 \mathrm{~m}$,

250km, 300km,
(6) $350 \mathrm{~km}, 400 \mathrm{~km}$, 450km

400 mg , 450 mg ,
(8) $500 \mathrm{mg}, 550 \mathrm{mg}$, 600 mg

900kg, 950kg,
(10) 1000 kg ,

1050kg,1100kg

## Question Practice Resources

## Question 2 - I know the Fact Families for 1 digit + 1 digit facts

## Remember to:

- copy the Learn It
- write the Switcher
- bring the total (sum) to the front, change the symbol and write the 2 switchers


## Repeat Questions



## Trample

$$
\begin{aligned}
& 7+3=10 \\
& 3+7=10 \\
& 10-3=7 \\
& 10-7=3
\end{aligned}
$$

## Remember to:

- copy the Learn It
- write the Switcher
- bring the total (sum) to the front, change the symbol and write the 2 switchers
(1) $8+1=9$
(2) $7+1=8$
(3) $4+2=6$
(4) $2+5=7$
(5) $2+1=3$
(6) $6+3=9$
(7) $\mathbf{4 + 5}=\mathbf{9}$
(8) $7+2=9$
(9) $3+2=5$
(10) $5+3=8$


## Bem <br> Repeat Answers



Remember to:
Ersonple

$$
\begin{aligned}
& 7+3=10 \\
& 3+7=10 \\
& 10-3=7 \\
& 10-7=3
\end{aligned}
$$

- copy the Learn It
- write the Switcher
- bring the total (sum) to the
front, change the symbol and write the 2 switchers
(1) $8+1=9,1+8=9,9$
(2) $7+1=8,1+7=8,8$
$-8=1,9-1=8$
(2) $-7=1,8-1=7$
(3) $\begin{aligned} & 4+2=6,2+4=6,6 \\ & -4=2,6-2=4\end{aligned}$
(4) $\begin{aligned} & 2+5=7,5+2=7,7 \\ & -2=5 g, 7-5=2\end{aligned}$
$-4=2,6-2=4$
(5) $2+1=3,1+2=3,3$ $-2=1,3-1=2$
(6) $6+3=9,3+6=9,9$
$-6=3,9-3=6$
(7) $4+5=9,5+4=9,9$
$-4=5,9-5=4$
(8) $7+2=9,2+7=9,9$
- $7=2 \mathrm{~s}, 9-2=7$
(9) $\begin{aligned} & 3+2=5,2+3=5 \text {, } \\ & 5-3=2,5-2=3\end{aligned}$
(10) $5+3=8,3+5=8,8$
$-5=3,8-3=5$


Remember to:

- copy the Learn It
- write the Switcher
- bring the total (sum) to the front, change the symbol and write the 2 switchers

Treanole

$$
\begin{aligned}
& 7+3=10 \\
& 3+7=10
\end{aligned}
$$

$$
10-3=7
$$

$$
10-7=3
$$

(1) $\mathbf{2 g}+\mathbf{5 g}=\mathbf{7 g}$
(2) $7 \mathrm{~cm}+1 \mathrm{~cm}=8 \mathrm{~cm}$
(4) $8 m+1 m=9 m$
(6) $4 \mathrm{~km}+2 \mathrm{~km}=\mathbf{6 k m}$
(8) $\mathbf{2 m g}+\mathbf{1 m g}=\mathbf{3 m g}$
(10) $\mathbf{5 k g}+3 \mathbf{k g}=\mathbf{8 k g}$


Remember to:

- copy the Learn It
- write the Switcher
- bring the total (sum) to the front, change the symbol and write the 2 switchers


## Fiscinple

$$
\begin{aligned}
& 7+3=10 \\
& 3+7=10 \\
& 10-3=7 \\
& 10-7=3
\end{aligned}
$$

(1) $\mathbf{2 g}+\mathbf{5 g}=\mathbf{7 g}, 5 \mathrm{~g}+\mathbf{2 g}=7 \mathrm{~g}$, $7 \mathrm{~g}-2 \mathrm{~g}=5 \mathrm{~g}, 7 \mathrm{~g}-5 \mathrm{~g}=2 \mathrm{~g}$
(3)
$6 L+3 L=9 L, 3 L+6 L=9 L$, $9 L-6 L=3 L, 9 L-3 L=6 L$
$7 \mathrm{~s}+2 \mathrm{~s}=9 \mathrm{~s}, 2 \mathrm{~s}+7 \mathrm{~s}=9 \mathrm{~s}, 9 \mathrm{~s}$
$-7 s=2 \mathrm{~s}, 9 \mathrm{~s}-2 \mathrm{~s}=7 \mathrm{~s}$
$4 \mathrm{ml}+5 \mathrm{ml}=9 \mathrm{ml}, 5 \mathrm{ml}+4 \mathrm{ml}$
7. $=9 \mathrm{ml}, 9 \mathrm{ml}-4 \mathrm{~m}=5 \mathrm{ml}, 9 \mathrm{ml}$
$-5 \mathrm{ml}=4 \mathrm{ml}$
$3 \mathrm{~mm}+2 \mathrm{~mm}=5 \mathrm{~mm}, 2 \mathrm{~mm}$
(9) $+3 \mathrm{~mm}=5 \mathrm{~mm}$,
$5 \mathrm{~mm}-3 \mathrm{~mm}=2 \mathrm{~mm}, 5 \mathrm{~mm}-$ $2 \mathrm{~mm}=3 \mathrm{~mm}$
$7 \mathrm{~cm}+1 \mathrm{~cm}=8 \mathrm{~cm}, 1 \mathrm{~cm}+$
2) $7 \mathrm{~cm}=8 \mathrm{~cm}, 8 \mathrm{~cm}+7 \mathrm{~cm}=$ $1 \mathrm{~cm}, 8 \mathrm{~cm}-1 \mathrm{~cm}=7 \mathrm{~cm}$
$8 \mathrm{~m}+1 \mathrm{~m}=9 \mathrm{~m}, 1 \mathrm{~m}+8 \mathrm{~m}=$
(4) $9 m, 9 m-8 m=1 m, 9 m-1 m$ $=8 \mathrm{~m}$

4 km + 2km = 6 km, $2 \mathrm{~km}+$ $4 \mathrm{~km}=6 \mathrm{~km}, 6 \mathrm{~km}-4 \mathrm{~km}=$ 2km, 6km - $2 \mathrm{~km}=4 \mathrm{~km}$
$\mathbf{2 m g}+\mathbf{1 m g}=\mathbf{3 m g}, 1 \mathrm{mg}+$
(8) $2 \mathrm{mg}=3 \mathrm{mg}, 3 \mathrm{mg}-2 \mathrm{mg}=$ $1 \mathrm{mg}, \mathbf{3 m g}-1 \mathrm{mg}=\mathbf{2 m g}$
(10) $5 \mathrm{~kg}+3 \mathrm{~kg}=8 \mathrm{~kg}, 3 \mathrm{~kg}+5 \mathrm{~kg}$ $=8 \mathrm{~kg}, 8 \mathrm{~kg}-5 \mathrm{~kg}=3 \mathrm{~kg}, 8 \mathrm{~kg}$ $-3=5 \mathrm{~kg}$

## Real Life Maths Questions

## Step

INN: Fact Families

I know the Fact Families for 1d + 1d facts

## Remember to:

- copy the Learn It
- write the Switcher
- bring the total (sum) to the front, change the symbol and write the 2 switchers

Pim has 2 apples and his friend gives him 3 more. How many apples does Pim have? Write out the Fact Families.
2) There are 5 sweets in one jar and 3 sweets in another jar. How many sweets are there altogether? Write out the Fact Families.

Mully went to the shop and bought sweets for $£ 7$ and chocolates for $£ 1$. How much did it cost altogether? Write out the Fact Families.

4
Pom has 4L of water in a jug. He adds 2L more. How much liquid is in the jug? Write out the Fact Families.

What is the sum of 6 and 3 ? Write out the Fact Families.

## Real Life Maths Answers

## Step

INN: Fact Families

I know the Fact Families for 1d + 1d facts

## Remember to:

- copy the Learn It
- write the Switcher
- bring the total (sum) to the front, change the symbol and write the 2 switchers

Pim has 2 apples and his friend gives him $\mathbf{3}$ more. How many apples does Pim have? Write out the Fact Families.

Pim has 5 apples. $3+2=5,5-2=3,5-3=2$.
2) There are 5 sweets in one jar and 3 sweets in another jar. How many sweets are there altogether? Write out the Fact Families.

There are 11 sweets altogether. $5+3=8.8-5=3,8-3=5$.

Mully went to the shop and bought sweets for $£ 7$ and chocolates for $£ 1$. How much did it cost altogether? Write out the Fact Families.


4
Pom has 4L of water in a jug. He adds 2L more. How much liquid is in the jug? Write out the Fact Families.

There is 6 L in the jug. $2 \mathrm{~L}+4 \mathrm{~L}=6 \mathrm{~L}, 6 \mathrm{~L}-2 \mathrm{~L}=4 \mathrm{~L}, 6 \mathrm{~L}-4 \mathrm{~L}=2 \mathrm{~L}$.
5) What is the sum of 6 and 3? Write out the Fact Families.

The answer is $9.3+6=9.9-3=6,9-6=3$.

## Question Practice Resources

## Question 3 - I can double 2 digit numbers

## Remember to:

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

Repeat Questions


## Remember To:

learn that, double...

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

3) Double 21 is

5 Double 14 is


9
Double 22 is

## 2) Double 44 is

4 Double 30 is

6 Double 41 is

## 8 Double 32 is

## 10 <br> Double 33 is

Repeat Answers

I can double 2 d numbers

## Remember To:

learn that, double...

- partition the $2 d$ number
- double the tens
- double the units
- put them back together again
$\square$
3 Double 21 is 42

5) Double 14 is 28


2
Double 44 is 88

4 Double 30 is $\mathbf{6 0}$

6 Double 41 is 82

10) Double 33 is 66

Revisit Questions

## Step <br> 3

I can double 2d numbers

## Remember To:

learn that, double...

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

3) Double 26 km is
$\square$


Double 22 mm is

## 8 Double 35s is

10 Double 36kg is
2
Double 45 cm is

Double $\mathbf{3 8 g}$ is

6 Double 41L is

## Step <br> 3

3 (Without Crossing 10)

I can double 2 d numbers

## Remember To:

learn that, double...

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

1) Double 17 m is 34 m

| 3) | Double 26 km is |
| :--- | :--- |
| 52 km |  |

$\square$
Double 12mg is 24mg
$\square$


8 Double 35s is 70s
9) Double 22 mm is 44 mm

10 Double 36 kg is 72 kg
6) Double 41L is 82 L

## Double 45 cm is 90 cm

## 4. Double 38 g is 76 g

## Real Life Maths Questions

Step
Doubling With Pim
(Without Crossing 10)

I can double 2 d numbers

## Remember to:

learn that, double...

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

A box of sweets costs $£ 44$. How much do two boxes cost?
2) There are 32 people at a party. Each person gets 2 sandwiches. How many sandwiches are there in total?


4 What is double 31?

Mully wants to buy 2 boxes of apples. Each box costs $£ 21$. How much does it cost in total?

## Real Life Maths Answers

Step
3
Doubling With Pim
(Without Crossing 10)

I can double 2 d numbers

## Remember to:

learn that, double...

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


## A box of sweets costs $£ 44$. How much do two boxes cost?

They cost $£ 88$.
2) There are 32 people at a party. Each person gets 2 sandwiches. How many sandwiches are there in total?

There are 64 sandwiches in total.

3
Pom runs $\mathbf{2}$ laps of $\mathbf{2 4 k m}$ each. How far does he run?

Pom runs 48 km in total.

4
What is double 31?

The answer is 62.

5
Mully wants to buy 2 boxes of apples. Each box costs $£ 21$. How much does it cost in total?

It costs $£ 42$ in total.

## Question Practice Resources

Question 4 - I can double 2 digit multiples of 10

## Remember to:

- learn that double 50 is 100,60 is 120,70 is 140 , 80 is 160,90 is 180

Repeat Questions

$\square$
$\square$
5) Double 90 is


9 Double 60 is

Remember To:
learn that, double...

- 50 is 100
- 60 is 120
- 70 is 140
- 80 is 160
- 90 is 180


## 2. Double $\mathbf{7 0}$ is

## 4 Double 80 is

6 Double 40 is

## 8 Double 30 is

10 Double 90 is

Repeat Answers

$\square$
$\square$
5) Double 90 is 180


9
Double 60 is 120

Remember To:
learn that, double...

- 50 is 100
- 60 is 120
- 70 is 140
- 80 is 160
- 90 is 180


## 2) Double $\mathbf{7 0}$ is 140

4 Double $\mathbf{8 0}$ is $\mathbf{1 6 0}$
6. Double 40 is 80


10 Double 90 is 180

Revisit Questions

$\square$
3 Double 20 km is

5 Double 90 mg is

10. Double 90 kg is

Double 60 mm is

## 8 Double 70s is

Remember To:
learn that, double...

- 50 is 100
- 60 is 120
- 70 is 140
- 80 is 160
- 90 is 180

2) Double $\mathbf{7 0} \mathrm{cm}$ is

4 Double $\mathbf{8 0 g}$ is

6 Double 40L is


I can double 2d multiples of 10
Remember To:
learn that, double...

- 50 is 100
- 60 is 120
- 70 is 140
- 80 is 160
- 90 is 180

1 Double 90 m is 180 m


5 Double 90 mg is 180 mg


## Real Life Maths Questions



## Remember to:

learn that, double...

- 50 is 100
- 60 is 120
- 70 is 140
- 80 is 160
- 90 is 180

Pim has 2 boxes of pears. Each box contains 50 pears. How many pears are there in total?
2) There are 70 people at a party. Each person gets 2 drinks. How many drinks are there in total?

A computer game costs $£ 80$. How much do $\mathbf{2}$ games cost?

4
Pim buys 2 barrels of oranges. Each barrel costs $£ 60$. How much does it cost in total?

## Real Life Maths Answers

I can double 2d multiples of 10

## Remember to:

learn that, double...

- 50 is 100
- 60 is 120
- 70 is 140
- 80 is 160
- 90 is 180

Pim has 2 boxes of pears. Each box contains 50 pears. How many pears are there in total?

There are 100 pears in total.
2) There are 70 people at a party. Each person gets 2 drinks. How many drinks are there in total?

There are 140 drinks in total.

A computer game costs $£ \mathbf{8 0}$. How much do $\mathbf{2}$ games cost?

They cost $£ 160$.

4
Pim buys 2 barrels of oranges. Each barrel costs $£ 60$. How much does it cost in total?

It costs $£ 120$ in total.

The answer is 180.

## Question Practice Resources

Question 5 - I can add 10 to a 2 digit tens number

## Remember to:

- find the number
- add one to the tens digit

Repeat Questions

## Remember To:

- find the number
- add one to the tens digit

I can add 10 to a $2 d$ tens number


5 $\mathbf{2 0 + 1 0 =}$

9) $10+10=$

4) $\mathbf{8 0}+\mathbf{1 0}=$

6 $10+10=$
8) $60+10=$
10) $40+10=$

Repeat Answers

## Remember To:

Step
14

I can add 10 to a $2 d$ tens number
$\square$
3) $90+10=100$

5 $20+10=30$


Revisit Questions

## Remember To:

- find the number
- add one to the tens digit

I can add 10 to a $2 d$ tens number
$\square$
$\square$
$550 \mathrm{~L}+40 \mathrm{~L}=$
$\square$

2) $\mathbf{3 0 g}+\mathbf{1 0 g}=$

4 $80 \mathrm{~mm}+10 \mathrm{~mm}=$

6 $10 \mathrm{ml}+10 \mathrm{ml}=$

(10) $40 m+10 m=$

Revisit Answers


14

I can add 10 to a $2 d$ tens number
$\square$

3) | $90 \mathrm{~cm}+10 \mathrm{~cm}=$ |
| :--- |
| 100 cm |
4) $50 L+40 L=90 L$
5) $60 \mathrm{~g}+10 \mathrm{~g}=70 \mathrm{~g}$

9
$20 \mathrm{~km}+20 \mathrm{~km}=$ 40 km

## Remember To:

- find the number
- add one to the tens digit


6 $\mathbf{1 0 m l}+10 \mathrm{ml}=\mathbf{2 0 m l}$

10. $\mathbf{4 0 m}+\mathbf{1 0 m}=50 \mathrm{~m}$

## Real Life Maths Questions

Step

## Addition

Remember to:

- find the number
- add one to the tens digit

I can add 10 to a $2 d$ tens number

Mully has 50 conkers. Pom has 10 conkers. How many do they have altogether?

What is the sum of 60 and $10 ?$

3
Pom is 80 m tall. Pim is 10 m tall. How tall are they together?

4
Count Fourways bought toys for $£ 70$ and snacks for $£ 10$. How much did he spend?

5
Pim has $\mathbf{9 0 g}$ of sugar on the weighing scales. He adds $\mathbf{1 0 g}$ more. What is the weight on the scales?

## Real Life Maths Answers

Step
Addition

I can add 10 to a $2 d$ tens number

Remember to:

- find the number
- add one to the tens digit

Mully has 50 conkers. Pom has 10 conkers. How many do they have altogether?

They have 60 conkers altogether.

2
What is the sum of 60 and $10 ?$

The answer is 70.

3
Pom is 80 m tall. Pim is 10 m tall. How tall are they together?

They are 90 m tall together.

4 Count Fourways bought toys for $£ 70$ and snacks for $£ \mathbf{1 0}$. How much did he spend?

He spent $£ 80$.

5 Pim has 90 g of sugar on the weighing scales. He adds 10 g more. What is the weight on the scales?

There is $\mathbf{1 0 0 \mathrm { g }}$ on the scales.

## Select Questions

## Remember To:

- find the number
- add one to the tens digit

I can add 10 to a $2 d$ tens number


A pack of four apples costs exactly £1. Becky wants to buy the apples but only has these two coins.
How much more money does she need?


2
The two blue bars are the same length. How long is each blue bar?


3

Which is the odd one out?

## $30 p+10 p$ <br> $\frac{1}{2}$ of $70 p$

$$
50 p-10 p
$$

4
James finishes his Big Maths Beat That Challenge in 50 seconds. His best friend Wayne is 10 seconds slower completing his challenge. How long does it take Wayne to finish his challenge?

5
Nina buys a pen and two pencils. The pencils cost 10 p each. The total cost is 60 p. How much does the pen cost?


## Select Answers

## Remember To:

- find the number
- add one to the tens digit

I can add 10 to a $2 d$ tens number

## 45cm

3

$$
30 p+10 p
$$

$$
\frac{1}{2} \text { of } 70 p
$$

1 minute / 60 seconds

5

$$
40 \text { pence }
$$

## Question Practice Resources

Question 6 - I can add 10 to any 2 digit number

## Remember to:

- find the number
- add one to the tens digit

Repeat Questions

## Remember To:

- find the number
- add one to the tens digit

1 can add 10 to any $2 d$ number

5) $\mathbf{7 8 + 1 0 =}$


## Remember To:

Step
15

1 can add 10 to any 2d number
$\square$
3) $17+10=27$
5) $78+10=88$
7) $86+10=96$

9
$67+10=77$
$\square$
$86+10=96$

- find the number
- add one to the tens digit

2) $52+10=62$
$\square$
3) $\mathbf{8 3}+\mathbf{1 0}=93$

8 $71+10=81$
10) $75+10=85$

Revisit Questions

## Remember To:

- find the number
- add one to the tens digit

1 can add 10 to any $2 d$ number
$\square$
$\square$
$\square$
$\square$

2) $52 \mathrm{~L}+10 \mathrm{~L}=$

4 $65 \mathrm{mg}+10 \mathrm{mg}=$

6 $83 \mathrm{~L}+10 \mathrm{~L}=$

8 $71 \mathrm{~km}+10 \mathrm{~km}=$
(10) $85 g+10 g=$

Revisit Answers


15

1 can add 10 to any $2 d$ number
$\square$
$\square$
5. $78 \mathrm{~kg}+10 \mathrm{~kg}=88 \mathrm{~kg}$

## Remember To:

- find the number
- add one to the tens digit

2 $52 \mathrm{~L}+10 \mathrm{~L}=62 \mathrm{~L}$

4 $65 \mathrm{mg}+10 \mathrm{mg}=$ 75 mg

6 $83 L+10 L=93 L$

(10) $85 g+10 g=95 g$

## Real Life Maths Questions

Step 15

## Addition

I can add 10 to any $2 d$ number

Remember to:

- find the number
- add one to the tens digit

What is the sum of 56 and $10 ?$

2
There are 45 cherries in one jar and 10 cherries in another jar.
How many cherries are there altogether?
3) Mully went to the shop and bought books for $£ 54$ and toys for £10. How much did it cost altogether?

4
Pom is 88 cm tall. Pim is 10 cm tall. How tall are they together?

5
Pim has 76 ml of orange juice in a jug. He adds 10 ml more. How much liquid is in the jug?

## Real Life Maths Answers

Step 15

## Addition

I can add 10 to any $2 d$ number

Remember to:

- find the number
- add one to the tens digit

What is the sum of 56 and $10 ?$

The answer is 66.

2
There are 45 cherries in one jar and 10 cherries in another jar. How many cherries are there altogether?

There are 55 cherries altogether.

3
Mully went to the shop and bought books for $£ 54$ and toys for £10. How much did it cost altogether?

It cost $£ 64$ altogether.

4
Pom is 88 cm tall. Pim is 10 cm tall. How tall are they together?

Together they are 98 cm tall.

5
Pim has 76 ml of orange juice in a jug. He adds 10 ml more. How much liquid is in the jug?

There is 86 ml of liquid in the jug.

## Select Questions

Step
15

I can add 10 to any $2 d$ number

## Remember To:

- find the number
- add one to the tens digit

Three pieces have been cut out of a 1-100 square. What numbers are shown by the letters $a, b$ and $c$ ?


2
Each pencil in this picture is 10 cm long. How long is the pen?


3
Which is the odd one out?

$$
\begin{gathered}
36 p+10 p \quad \text { Double 23p } \\
56 p-10 p-10 p
\end{gathered}
$$

Nikki and Danny bake some cupcakes! Nikki bakes 14 cakes and Danny bakes 10 cakes. A quarter of all the cakes have blue icing on top and the remainder have pink icing. How many cakes have blue icing?



Shabana buys a banana and two apples. The banana costs $28 p$ and the apples cost 10p each. She only has 50p. Does she have enough money?


## Select Answers

## Remember To:

- find the number
- add one to the tens digit

1 can add 10 to any $2 d$ number

$$
a=27, b=42, c=43
$$

2

3

# $36 p+10 p$ Double 23p <br> $56 p-10 p-10 p$ 

4

6 cupcakes

5

Yes. (cost altogether is 48p)

## Question Practice Resources

Question 7 - I can add a 1 digit number to a 2 digit tens number

## Remember to:

- say the tens number
- say the tens number with the units digit added on


## Repeat Questions

## Remember To:

Step
16

I can add a 1d number to a $2 d$ tens number

- say the tens number
- say the tens number with the units digit added on

2) $80+5=$

3) $40+8=$
(10) $10+6=$

## Repeat Answers

## Remember To:

Step
16

I can add a 1d number to a $2 d$ tens number

- say the tens number
- say the tens number with the units digit added on


5) $70+4=74$

## 7) $30+7=37$

$80+9=89$
2) $\mathbf{8 0}+\mathbf{5}=\mathbf{8 5}$

6) $20+6=26$
8) $40+8=48$
10. $10+6=16$

Revisit Questions

## Remember To:

- say the tens number
- say the tens number with the units digit added on
I can add a 1d number to a $2 d$ tens number
$\square$


9
$40 m+9 m=$

Revisit Answers


16

I can add a 1d number to a $2 d$ tens number

## Remember To:

- say the tens number
- say the tens number with the units digit added on
$\square$
3 $80 \mathrm{mg}+3 \mathrm{mg}=83 \mathrm{mg}$


## 2) $40 m+5 m=45 m$


5. $50 \mathrm{~mm}+4 \mathrm{~mm}=$ 54 mm

6 $20 \mathrm{~L}+6 \mathrm{~L}=26 \mathrm{~L}$

9) $40 m+9 m=49 m$

## Real Life Maths Questions

Step

I can add a 1d number to a 2d tens number

## Remember to:

- say the tens number
- say the tens number with the units digit added on

Mully has 30 books. Pim gives him 5 more books. How many books does Mully have?

2
What is 40 add 3 ?

3
Pom ran 70km. He had a rest. He ran another 6km. How far did he go in total?

4
There are 50 people at a barbecue. 9 more people arrive. How many people are at the barbecue?

5
Speedy Col has 70L of apple juice in a jug. She adds 2L more. How much liquid is in the jug?

## Real Life Maths Answers

Step
16

I can add a 1d number to a 2d tens number

## Remember to:

- say the tens number
- say the tens number with the units digit added on

Mully has 30 books. Pim gives him 5 more books. How many books does Mully have?

Mully has 35 books.

What is 40 add 3 ?

The answer is 43.

3
Pom ran 70km. He had a rest. He ran another 6km. How far did he go in total?

Pom ran 76km.

4
There are 50 people at a barbecue. 9 more people arrive. How many people are at the barbecue?

There are 59 people at the barbecue.

5 Speedy Col has 70L of apple juice in a jug. She adds 2L more. How much liquid is in the jug?

There is 72L of apple juice in the jug.

## Select Questions

## Step

16

I can add a 1d number to a $2 d$ tens number

## Remember To:

- say the tens number
- say the tens number with the ones digit added on

1


John has these two coins in his pocket. Danny has 8p more than John. Rachel has $5 p$ less than Danny. How much money does Rachel have?

2
What numbers do the letter a and b represent?


3
Which is the odd one out?

## $40 k g+6 k g$

## $\frac{1}{2}$ of 90 kg

## 50 kg - 5 kg

Sally has these two coins. This is the exact amount needed to buy this banana.


This small mango costs 8p more than the banana. How much does the mago cost?


Jenny's digital clock is five minutes slow.
07 : 40 Her favourite TV programme starts at 8 o'clock. How many more minutes does she have to wait for her programme to start?

## Select Answers

## Remember To:

- say the tens number
- say the tens number with the ones digit added on
I can add a 1d number to a $2 d$ tens number

$$
63 \text { pence }
$$

2

$$
a=6, b=16
$$

3

## $40 \mathrm{~kg}+6 \mathrm{~kg} \quad \frac{1}{2}$ of 90 kg <br> 50kg - 5 kg

38 pence

## Question Practice Resources

## Question 8 - I can take 10 from a multiple of 10

## Remember to:

- find the starting number
- count back 10
- see where you have landed


## Repeat Questions

## Remember To:

- find the starting number
- count back 10
- see where you have landed

I can take 10 from a multiple of 10

(4) $\mathbf{9 0 - 1 0 =}$

9) $90-10=$

Repeat Answers

Step
13

## Subtraction

I can take 10 from a multiple of 10
$\square$
5) $\mathbf{6 0 - 1 0}=\mathbf{5 0}$
$720-\mathbf{1 0}=10$
9) $\mathbf{9 0}-\mathbf{1 0}=\mathbf{8 0}$
$\square$
(3) $\mathbf{7 0 - 1 0}=\mathbf{6 0}$

## Remember To:

- find the starting number
- count back 10
- see where you have landed
(2) $\mathbf{4 0 - 1 0}=\mathbf{3 0}$

4. $\mathbf{9 0}-\mathbf{1 0}=\mathbf{8 0}$
6) $\mathbf{3 0 - 1 0}=\mathbf{2 0}$
8. $\mathbf{8 0}-\mathbf{1 0}=\mathbf{7 0}$
10) $\mathbf{5 0}-\mathbf{1 0}=\mathbf{4 0}$

Revisit Questions

## Remember To:

- find the starting number
- count back 10
- see where you have landed

I can take 10 from a multiple of 10
$\square$

$\square$
5) $\mathbf{4 0 m g}-\mathbf{2 0 m g}=$


9
. $90 \mathrm{~mm}-10 \mathrm{~mm}=$

Revisit Answers

## Remember To:

- find the starting number
- count back 10
- see where you have landed

Step
13
Subtraction

I can take 10 from a multiple of 10
$\square$
$\square$
5) $40 \mathrm{mg}-\mathbf{2 0 m g}=$ 20mg
7) $20 \mathrm{ml}-10 \mathrm{ml}=10 \mathrm{ml}$

9
$90 \mathrm{~mm}-10 \mathrm{~mm}=$ 80 mm
(3) $90 \mathrm{~km}-\mathbf{5 0 k m}=$ 40km

4) $\mathbf{6 0 g - 1 0 g}=50 \mathrm{~g}$

6 $\mathbf{3 0 L}-\mathbf{1 0 L}=\mathbf{2 0 L}$

8 $80 s-10 s=70 s$

10 $50 \mathrm{~kg}-10 \mathrm{~kg}=40 \mathrm{~kg}$

## Real Life Maths Questions

Step
13

I can take 10 from a multiple of 10

## Remember to:

- find the starting number
- count back to 10
- see where you have landed

1) Pim poured 30 ml of water out of his jug. He started with 90 ml . How much liquid is in the jug?
2) Pim has 20L of water in a jug. He poured out 10L. How much liquid is in the jug?

3 Pom is 80 cm tall. Pim is $\mathbf{1 0} \mathbf{c m}$ tall. How much taller is Pom?
4) Pim went to the shop with $£ 60$. He bought shoes for $£ 10$. How much money does he have left?
5) What is $\mathbf{4 0}$ take away 10 ?

## Real Life Maths Answers

Step
13

I can take 10 from a multiple of 10

## Remember to:

- find the starting number
- count back to 10
- see where you have landed How much liquid is in the jug?

There is 60 ml of liquid in the jug.

2
Pim has 20L of water in a jug. He poured out 10L. How much liquid is in the jug?

There is 10 L of water in the jug.

3
Pom is 80 cm tall. Pim is 10 cm tall. How much taller is Pom?

Pom is 70 cm taller.

4
Pim went to the shop with $£ 60$. He bought shoes for $£ 10$. How much money does he have left?

He has $£ 50$ left.

5 What is 40 take away 10 ?

The answer is 30.

Select Questions

Step
13
Subtraction

I can take 10 from a multiple of 10

## Remember To:

- find the starting number
- count back 10
- see where you have landed

Which is the odd one out?



Maria has these four coins in her pocket. When she checks later she finds that she has lost the two 5p pieces! Write a number sentence that shows how much money she now has.

3
What number is shown by the letter ' $m$ ' in this picture?


4
Mia, Alfie and George all love swimming at their local swimming pool! One length of the pool is 10 m . On one day, Mia swims seven lengths. Alfie swims 10m less than Mia. George swims twice as far as Alfie.
 How far does George swim?

James can build this large cube from smaller cubes in one minute and thirty seconds. His best friend Alesha can build the same cube ten seconds quicker. How many seconds does it take Alesha to build the cube?

## Select Answers

## Remember To:

- find the starting number
- count back 10
- see where you have landed

I can take 10 from a multiple of 10

1

## 50m-10m



2

$$
50 p+20 p+5 p+5 p=80 p-2 \times 5 p=70
$$

3

$$
m=80
$$

George swims 120m.

## Question Practice Resources

## Question 9 - I can take 10 from a 2 digit number

## Remember to:

- find the starting number
- count back 10
- see where you have landed


## Repeat Questions

## Remember To:

- find the starting number
- count back 10
- see where you have landed

I can take 10 from a $2 d$ number

5) $47-10=$


9
44-10 =
2) $65-10=$
4) $\mathbf{3 5 - 1 0}=$


10
21-10 =

## Remember To:

Step
14

## Subtraction

I can take 10 from a $2 d$ number

- find the starting number
- count back 10
- see where you have landed


5) $47-\mathbf{1 0}=\mathbf{3 7}$
$\square$
6) $44-10=34$
(2) $\mathbf{6 5 - 1 0}=\mathbf{5 5}$
(4) $\mathbf{3 5 - 1 0}=\mathbf{2 5}$
7) $\mathbf{9 5 - 1 0}=\mathbf{8 5}$


10
$21-10=11$

Revisit Questions

## Remember To:

- find the starting number
- count back 10
- see where you have landed

I can take 10 from a $2 d$ number

5) $87 \mathrm{mg}-10 \mathrm{mg}=$


9
9 $44 \mathrm{~mm}-10 \mathrm{~mm}=$

## Revisit Answers

Step
14
Subtraction

I can take 10 from a $2 d$ number

## Remember To:

- find the starting number
- count back 10
- see where you have landed

2) $55 \mathrm{~cm}-10 \mathrm{~cm}=45 \mathrm{~cm}$
3) $54 \mathrm{~g}-10 \mathrm{~g}=44 \mathrm{~g}$

6 $95 \mathrm{~L}-10 \mathrm{~L}=85 \mathrm{~L}$

8 $29 \mathrm{~s}-10 \mathrm{~s}=19 \mathrm{~s}$

10 $21 \mathrm{~kg}-10 \mathrm{~kg}=11 \mathrm{~kg}$

## Real Life Maths Questions

Step
14
Subtraction

I can take 10 from a 2 d number

## Remember to:

- find the starting number
- count back to 10
- see where you have landed

Pom has 78 eggs. He gave his friend 10 eggs. How many eggs does Pom have now?

2
There are 87 sweets in a jar. Pim took 10 sweets out. How many sweets are there now?

3
Pim put 65g of cherries on the weighing scales. He took away $\mathbf{1 0 g}$. What is the weight on the scales?

4
Pom is 43 cm tall. Pim is 10 cm tall. How much taller is Pom?

5
Pim had to run 45 km . So far he has run 10 km . What is the total distance he has to go?

## Real Life Maths Answers

Step
14

I can take 10 from a 2 d number

## Remember to:

- find the starting number
- count back to 10
- see where you have landed

Pom has 78 eggs. He gave his friend 10 eggs. How many eggs does Pom have now?

Pom has 68 eggs.

2
There are 87 sweets in a jar. Pim took 10 sweets out. How many sweets are there now?

There are 77 sweets in the jar.

3
Pim put 65g of cherries on the weighing scales. He took away $\mathbf{1 0 g}$. What is the weight on the scales?

There is 55 g of cherries on the scales.

Pom is 43 cm tall. Pim is 10 cm tall. How much taller is Pom?

Pom is 33 cm taller.

5
Pim had to run 45 km . So far he has run 10 km . What is the total distance he has to go?

He still has to go 35km.

Select Questions

Step
14

## Remember To:

- find the starting number
- count back 10
- see where you have landed

I can take 10 from a 2 d number

Which is the odd one out?

## $46 g-10 g$

## $10 g+23 g$



2


Bananas cost 23p each. Lucy and Jamie want to have a banana each! Unfortunately Lucy only has 10p, so how much money will Jamie need to have for them to be able to buy two bananas?


3
What number is shown by the letter ' $n$ ' in this picture?


4
Jake completes his first Big Maths Beat that Challenge in 48 seconds. For his second challenge he is ten seconds quicker. How long does he take to complete his second challenge?


Jessica and Grace volunteer to tidy up the coloured pencils in their classroom. They discover that there are a total of sixty eight pencils in a tray. They start by putting ten pencils in each of two boxes. How many coloured pencils are left in the tray?

## Select Answers

## Remember To:

- find the starting number
- count back 10
- see where you have landed

I can take 10 from a $2 d$ number

## 46g-10g

30 g
40 g


2

Jamie will need 36p to be able to pay for the bananas.

3

$$
n=26
$$

## 38 seconds

There are 48 pencils left in the tray.

## Question Practice Resources

# Question 10 - I can take a multiple of 10 from a multiple of 10 

## Remember to:

- find the starting number
- count back 10
- see where you have landed


## Repeat Questions

## Remember To:

- find the starting number
- count back 10
- see where you have landed

I can take a multiple of 10 from a multiple of 10

5) $\mathbf{8 0}-\mathbf{4 0}=$

9) $90-\mathbf{6 0}=$
$\square$
2) $40-\mathbf{3 0}=$

(10) $\mathbf{9 0}-\mathbf{8 0 =}$

Repeat Answers

Step
15

## Subtraction

I can take a multiple of 10 from a multiple of 10

## Remember To:

- find the starting number
- count back 10
- see where you have landed


5. $\mathbf{8 0}-\mathbf{4 0}=\mathbf{4 0}$

| 7) $\mathbf{9 0 - 4 0}=\mathbf{5 0}$ | (8) 40-10 = $\mathbf{3 0}$ |
| :---: | :---: |
| (9) $90-60=30$ | (10) $\mathbf{9 0}-\mathbf{8 0}=10$ |

## Revisit Questions

## Remember To:

- find the starting number
- count back 10
- see where you have landed
$\square$


5) $90 \mathrm{mg}-10 \mathrm{mg}=$


9
. $90 \mathrm{~mm}-50 \mathrm{~mm}=$

Revisit Answers

Step
15

I can take a multiple of 10 from a multiple of 10

## Subtraction

## Remember To:

- find the starting number
- count back 10
- see where you have landed
$\square$

3) $80 \mathrm{~km}-50 \mathrm{~km}=$

30 km
$90 m-30 m=60 m$
2) $60 \mathrm{~cm}-10 \mathrm{~cm}=50 \mathrm{~cm}$
4) $\mathbf{6 0 g}-\mathbf{4 0 g}=\mathbf{2 0 g}$
6) $40 L-10 L=30 L$ 80 mg
$\mathbf{7 0 m l}-20 \mathrm{ml}=50 \mathrm{ml}$

9
$90 \mathrm{~mm}-50 \mathrm{~mm}=$ 40 mm

## Real Life Maths Questions

Step
15

I can take a multiple of 10 from a multiple of 10

## Remember to:

- find the starting number
- count back to 10
- see where you have landed

Pim has 60 sweets. He gives Pom 20 of his sweets. How many sweets does Pim have left?
2. There are 30 plums in a jar. Pim took 20 plums out. How many plums are there now?

3
Pim went to the shop with $£ 60$. He bought books for $£ 40$. How much money does he have left?

4
Pim poured 50L of water out of his barrel. He started with 80L. How much liquid is in the barrel?

## Real Life Maths Answers

Step
15

I can take a multiple of 10 from a multiple of 10

## Remember to:

- find the starting number
- count back to 10
- see where you have landed

Pim has 60 sweets. He gives Pom 20 of his sweets. How many sweets does Pim have left?

Pim has 40 sweets left.

There are 30 plums in a jar. Pim took 20 plums out. How many plums are there now?

There are 10 plums in the jar.

3
Pim went to the shop with $£ 60$. He bought books for $£ 40$. How much money does he have left?

He has $£ 20$ left.

4
Pim poured 50L of water out of his barrel. He started with 80L. How much liquid is in the barrel?

There is 30 L of liquid in the barrel.

## Select Questions

Step
15
Subtraction

I can take a multiple of 10 from a multiple of 10

## Remember To:

- find the starting number
- count back 10
- see where you have landed

1

Which is the odd one out?

70p-20p
90p-50p

2
What number is shown by the letter ' $m$ ' in this picture?

| 20 | m |
| :---: | :---: |
| 30 |  |

3 A piece of ribbon is ninety centimetres long. A piece of ribbon sixty centimetres long is cut from this length. The remaining piece of ribbon is cut in half so there are now three pieces! How long is each piece?


Adele buys two cup cakes at 40p each. She pays the exact amount with just three coins. What are the two 'missing' coins?



In a school kitchen there are two full trays of eggs.
Twenty eggs are used during the preparation of the breakfast that the school offers children before the start of lessons. How many eggs are left?

## Select Answers

## Remember To:

I can take a multiple of 10 from a multiple of 10

Step
15
Subtraction

- find the starting number
- count back 10
- see where you have landed

1

## 70p-20p



## 90p-50p

$$
m=40
$$

3

The last two pieces are both 15 cm long.

4

20 pence and 10 pence

5

If 20 eggs are used then there would be 10 eggs left over.

