



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 skills 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.

BEAT THAT!

CLIC 10 SET 1

1 456

2 $3000 + 8000 =$

3 Double 39 is

Half of 500 is

Name:

Class:

Date:

4 $57 + \square = 100$

5 $83 \times 10 =$

$510 \div 10 =$

6 $48 + 76 =$

7 $100 - 28 =$

8 $38 \div 5 =$

9 $\begin{array}{r} 37 \\ + 89 \\ \hline \end{array}$

10 $\begin{array}{r} 76 \\ - 48 \\ \hline \end{array}$

The CLIC Challenges!

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MY LAST SCORE? HAVE I BEAT THAT?!

10

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 2d numbers

Question 2

I can add tens

Question 3

I can double 2d numbers

Question 4

I can multiply whole numbers by 10

Question 5

I can find the missing piece to the next multiple of 10

Question 6

I can solve any $3d - 1d$

Question 7

I can solve any $2d + 1d$

Question 8

I can add any 2d tens number to another one

Question 9

I know the 1 digit gap from a multiple of 10

Question 10

I can solve $1d \times 1d$

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.



Name: _____

Class: _____

Date: _____

1 Place in order
39 93 54 69

2 $30 + 40 =$

3 Double 49 is

4 $43 \times 10 =$

5 $43 + \square = 50$

6 $343 - 7 =$

7 $67 + 8 =$

8 $70 + 80 =$

9 $86 - 80 =$

10 $3 \times 9 =$



MY LAST SCORE?!

HAVE I BEAT THAT?!

10



Name:

Class:

Date:

1 Place in order
39 93 54 69
39 54 69 93

2 $30 + 40 =$
70

3 Double 49 is
98



4 $43 \times 10 = 430$

5 $43 + \boxed{7} = 50$

6 $343 - 7 =$
336

7 $67 + 8 =$
75

8 $70 + 80 =$
150

9 $86 - 80 = 6$

10 $3 \times 9 = 27$



Question Practice Resources

Question 1 - I can understand 2d numbers

Remember to:

- order the numbers by their tens digit
- then, if they have the same tens digit, order by the units digit

**Step
3****Mastery of Numbers**

I can understand 2d numbers

Remember To:

1

$$32 < 85$$

2

$$88 < 89$$

3

$$56 > 30$$

4

$$72 < 78$$

5

$$94 > 50$$

6

$$76 > 85$$

7

$$9 < 23$$

8

$$41 > 40$$

9

$$63 < 63$$

10

$$38 > 28$$

Step
3**Mastery of Numbers**

I can understand 2d numbers

Remember To:

1

true

2

true

3

true

4

true

5

true

6

false

7

true

8

true

9

false

10

true

Step
3

Mastery of Numbers

I can understand 2d numbers

Remember To:

- order the numbers by their tens digit
- then - if they have the same tens digit - order by the units digit

1

$$56\text{m} < 65\text{m}$$

2

$$78\text{cm} < 99\text{cm}$$

3

$$86\text{km} > 49\text{km}$$

4

$$62\text{g} < 78\text{g}$$

5

$$84\text{mg} > 60\text{mg}$$

6

$$76\text{L} > 85\text{L}$$

7

$$8\text{ml} < 33\text{ml}$$

8

$$51\text{s} > 40\text{s}$$

9

$$33\text{mm} < 33\text{mm}$$

10

$$38\text{kg} > 28\text{kg}$$

**Step
3****Mastery of Numbers**

I can understand 2d numbers

Remember To:

- order the numbers by their tens digit
- then - if they have the same tens digit - order by the units digit

1

true

2

true

3

true

4

true

5

true

6

false

7

true

8

true

9

false

10

true

**Step
3****Mastery of Numbers**

I can understand 2d numbers

Remember To:

- order the number by their tens digit
- then, if they have the same tens digit, order by the units digit

1

42, 84, 11, 22

2

99, 98, 44, 42

3

77, 66, 88, 44

4

32, 24, 56, 48

5

82, 83, 94, 88

6

11, 12, 17, 14

7

44, 47, 46, 43

8

63, 43, 53, 54

9

78, 75, 76, 77

10

22, 27, 23, 10

Step
3**Mastery of Numbers**

I can understand 2d numbers

Remember To:

- order the number by their tens digit
- then, if they have the same tens digit, order by the units digit

1

11, 22, 42, 84

2

42, 44, 98, 99

3

44, 66, 77, 88

4

24, 32, 48, 56

5

82, 83, 88, 94

6

11, 12, 14, 17

7

43, 44, 46, 47

8

43, 53, 54, 63

9

75, 76, 77, 78

10

10, 22, 23, 27

Step
3

Mastery of Numbers

I can understand 2d numbers

Remember To:

- order the numbers by their tens digit
- then - if they have the same tens digit - order by the units digit

1

**32m, 24m, 56m,
48m**

2

**99cm, 98cm,
44cm, 42m**

3

**11km, 12km,
17km, 14km**

4

**42g, 84g, 11g,
22g**

5

**63mg, 43mg,
53mg, 54mg**

6

**77L, 66L, 88L,
44L**

7

**22ml, 27ml,
23ml, 10ml**

8

**82s, 83s, 94s,
88s**

9

**78mm, 75mm,
76mm, 77mm**

10

**44kg, 47kg,
46kg, 43kg**

**Step
3**

Mastery of Numbers

I can understand 2d numbers

Remember To:

- order the numbers by their tens digit
- then - if they have the same tens digit - order by the units digit

1

**24m, 32m,
48m, 56m**

2

**42cm, 44cm,
98cm, 99cm**

3

**11km, 12km,
14km, 17km**

4

**11g, 22g, 42g,
84g**

5

**43mg, 53mg,
54mg, 63mg**

6

**44L, 66L, 77L,
88L**

7

**10ml, 22ml,
23ml, 27ml**

8

**82s, 83s, 88s,
94s**

9

**75mm, 76mm,
77mm, 78mm**

10

**43kg, 44kg,
46kg, 47kg**

Question Practice Resources

Question 2 - I can add tens

Remember to:

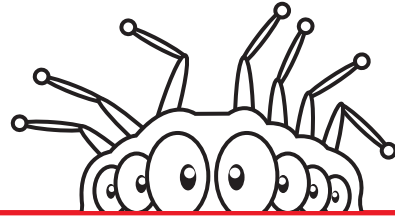
- use your addition Learn Its
- swap 'the thing' to a ten

**Step
1****INN: Addition and
Subtraction**

I can add tens

Remember To:

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



1 $10 + 20 =$

2 $40 + 50 =$

3 $40 + 40 =$

4 $50 + 10 =$

5 $30 + 40 =$

6 $20 + 10 =$

7 $80 + 10 =$

8 $10 + 10 =$

9 $20 + 50 =$

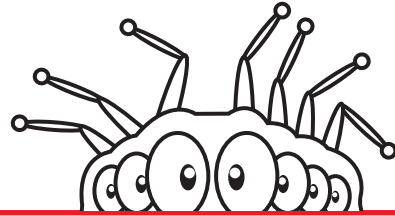
10 $60 + 30 =$

Step
1INN: Addition and
Subtraction

I can add tens

Remember To:

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



1

$$10 + 20 = 30$$

2

$$40 + 50 = 90$$

3

$$40 + 40 = 80$$

4

$$50 + 10 = 60$$

5

$$30 + 40 = 70$$

6

$$20 + 10 = 30$$

7

$$80 + 10 = 90$$

8

$$10 + 10 = 20$$

9

$$20 + 50 = 70$$

10

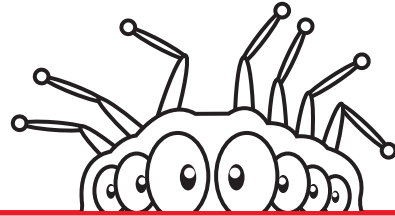
$$60 + 30 = 90$$

Step
1INN: Addition and
Subtraction

I can add tens

Remember To:

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



1 $10\text{m} + 30\text{m} =$

2 $30\text{cm} + 50\text{cm} =$

3 $50\text{km} + 40\text{km} =$

4 $40\text{g} + 10\text{g} =$

5 $20\text{mg} + 40\text{mg} =$

6 $20\text{L} + 10\text{L} =$

7 $80\text{ml} + 10\text{ml} =$

8 $10\text{s} + 10\text{s} =$

9 $20\text{mm} + 50\text{mm} =$

10 $60\text{kg} + 30\text{kg} =$

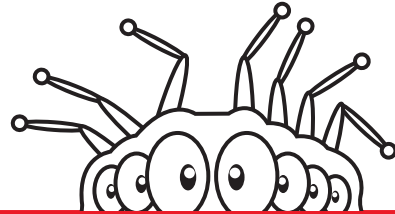
Step 1

INN: Addition and Subtraction

I can add tens

Remember To:

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



1 $10\text{m} + 30\text{m} = 40\text{m}$

2 $30\text{cm} + 50\text{cm} = 80\text{cm}$

3 $50\text{km} + 40\text{km} = 90\text{km}$

4 $40\text{g} + 10\text{g} = 50\text{g}$

5 $20\text{mg} + 40\text{mg} = 60\text{mg}$

6 $20\text{L} + 10\text{L} = 30\text{L}$

7 $80\text{ml} + 10\text{ml} = 90\text{ml}$

8 $10\text{s} + 10\text{s} = 20\text{s}$

9 $20\text{mm} + 50\text{mm} = 70\text{mm}$

10 $60\text{kg} + 30\text{kg} = 90\text{kg}$

Step
1**INN: Addition and
Subtraction**

I can add tens

Remember to:

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

1

Pim has 20 sweets and his friend gives him 30 more. How many sweets does Pim have?

2

There are 60 apples in one jar and 80 apples in another jar. How many apples are there altogether?

3

Pom bought games for £50 and sweets for £90. How much did he spend?

4

Pim ran 40km. He had a rest. He ran another 30km. How far did he go in total?

5

Pom is 80cm tall. Pim is 90cm tall. How tall are they together?

Step
1**INN: Addition and
Subtraction**

I can add tens

Remember to:

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

1

Pim has 20 sweets and his friend gives him 30 more. How many sweets does Pim have?

Pim has 50 sweets.

2

There are 60 apples in one jar and 80 apples in another jar. How many apples are there altogether?

There are 140 apples altogether.

3

Pom bought games for £50 and sweets for £90. How much did he spend?

He spent £140.

4

Pim ran 40km. He had a rest. He ran another 30km. How far did he go in total?

He ran 70km in total.

5

Pom is 80cm tall. Pim is 90cm tall. How tall are they together?

They are 170cm tall together.

Question Practice Resources

Question 3 - I can double 2d numbers

Remember to:

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

**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**

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**

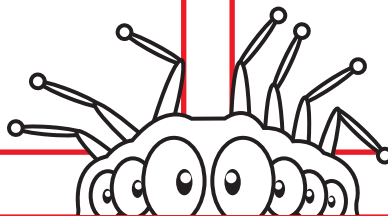
**Step
3****Doubling With Pim (With
Crossing 10)**

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**

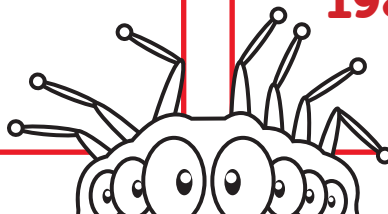
**Step
3****Doubling With Pim (With
Crossing 10)**

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

**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?

**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 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

**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 $55 \times 10 =$

2 $43 \times 10 =$

3 $34 \times 10 =$

4 $68 \times 10 =$

5 $48 \times 10 =$

6 $89 \times 10 =$

7 $84 \times 10 =$

8 $13 \times 10 =$

9 $90 \times 10 =$

10 $11 \times 10 =$

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

$$55 \times 10 = 550$$

2

$$43 \times 10 = 430$$

3

$$34 \times 10 = 340$$

4

$$68 \times 10 = 680$$

5

$$48 \times 10 = 480$$

6

$$89 \times 10 = 890$$

7

$$84 \times 10 = 840$$

8

$$13 \times 10 = 130$$

9

$$90 \times 10 = 900$$

10

$$11 \times 10 = 110$$

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

$55\text{m} \times 10 =$

2

$43\text{cm} \times 10 =$

3

$34\text{km} \times 10 =$

4

$68\text{g} \times 10 =$

5

$48\text{mg} \times 10 =$

6

$89\text{L} \times 10 =$

7

$84\text{ml} \times 10 =$

8

$13\text{s} \times 10 =$

9

$90\text{mm} \times 10 =$

10

$11\text{kg} \times 10 =$

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

$$1 \quad 55\text{m} \times 10 = 550\text{m}$$

$$2 \quad 43\text{cm} \times 10 = 430\text{cm}$$

$$3 \quad 34\text{km} \times 10 = 340\text{km}$$

$$4 \quad 68\text{g} \times 10 = 680\text{g}$$

$$5 \quad 48\text{mg} \times 10 = 480\text{mg}$$

$$6 \quad 89\text{L} \times 10 = 890\text{L}$$

$$7 \quad 84\text{ml} \times 10 = 840\text{ml}$$

$$8 \quad 13\text{s} \times 10 = 130\text{s}$$

$$9 \quad 90\text{mm} \times 10 = 900\text{mm}$$

$$10 \quad 11\text{kg} \times 10 = 110\text{kg}$$

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?

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 5 - I can find the missing piece to the next multiple of 10

Remember to:

- check the units digits
- use your Jigsaw Numbers to 10 to make the units digit total 10

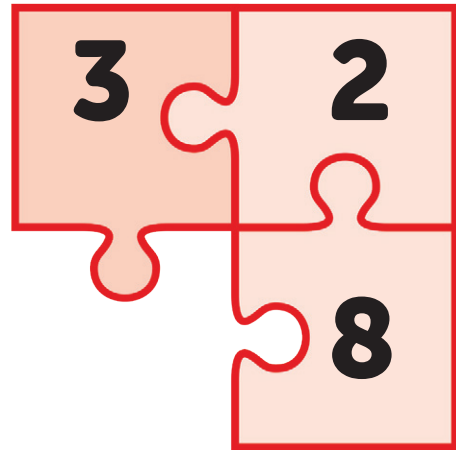
Step
2

INN: Number Bonds to 10

I can find the missing piece to the next multiple of 10

Remember to:

- check the units digit
- use your Jigsaw Numbers to 10 to make the units digit total 10

**= 40**

$$\textcircled{1} \quad 46 + \square = 50$$

$$\textcircled{2} \quad \square + 34 = 40$$

$$\textcircled{3} \quad 27 + \square = 30$$

$$\textcircled{4} \quad 61 + \square = 70$$

$$\textcircled{5} \quad 72 + \square = 80$$

$$\textcircled{6} \quad 53 + \square = 60$$

$$\textcircled{7} \quad \square + 16 = 20$$

$$\textcircled{8} \quad \square + 25 = 30$$

$$\textcircled{9} \quad 84 + \square = 90$$

$$\textcircled{10} \quad \square + 42 = 50$$

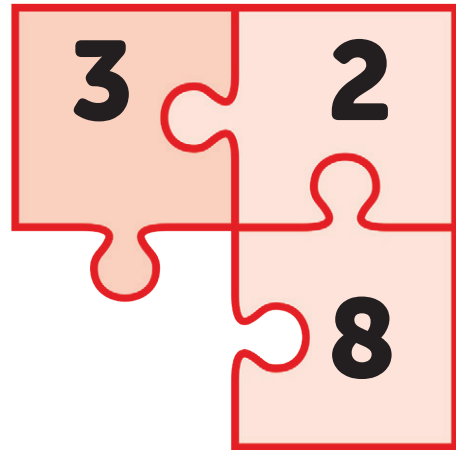
Step
2

INN: Number Bonds to 10

I can find the missing piece to the next multiple of 10

Remember to:

- check the units digit
- use your Jigsaw Numbers to 10 to make the units digit total 10

**= 40**

$$\textcircled{1} \quad 46 + \boxed{4} = 50$$

$$\textcircled{2} \quad \boxed{6} + 34 = 40$$

$$\textcircled{3} \quad 27 + \boxed{3} = 30$$

$$\textcircled{4} \quad 61 + \boxed{9} = 70$$

$$\textcircled{5} \quad 72 + \boxed{8} = 80$$

$$\textcircled{6} \quad 53 + \boxed{7} = 60$$

$$\textcircled{7} \quad \boxed{4} + 16 = 20$$

$$\textcircled{8} \quad \boxed{5} + 25 = 30$$

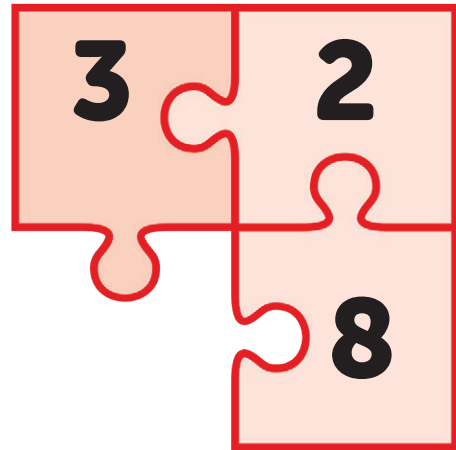
$$\textcircled{9} \quad 84 + \boxed{6} = 90$$

$$\textcircled{10} \quad \boxed{8} + 42 = 50$$

Step 2

INN: Number Bonds to 10

I can find the missing piece to the next multiple of 10



= 40

Remember to:

- check the units digit
- use your Jigsaw Numbers to 10 to make the units digit total 10

① $45\text{m} + \square = 50\text{m}$

② $\square + 38\text{cm} = 40\text{cm}$

③ $26\text{km} + \square = 30\text{km}$

④ $61\text{g} + \square = 70\text{g}$

⑤ $72\text{mg} + \square = 80\text{mg}$

⑥ $53\text{L} + \square = 60\text{L}$

⑦ $\square + 16\text{ml} = 20\text{ml}$

⑧ $\square + 25\text{s} = 30\text{s}$

⑨ $84\text{mm} + \square = 90\text{mm}$

⑩ $\square + 42\text{kg} = 50\text{kg}$

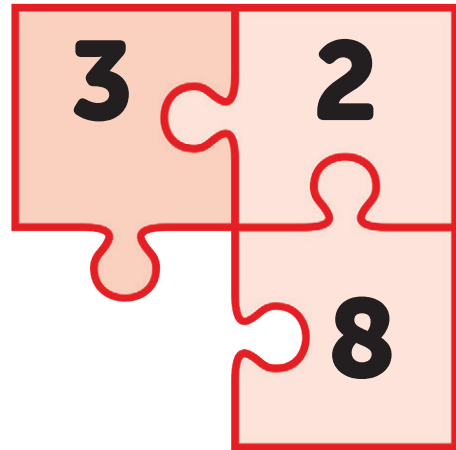
Step
2

INN: Number Bonds to 10

I can find the missing piece to the next multiple of 10

Remember to:

- check the units digit
- use your Jigsaw Numbers to 10 to make the units digit total 10

**= 40**

$$\textcircled{1} \quad 45\text{m} + \boxed{5\text{m}} = 50\text{m}$$

$$\textcircled{2} \quad \boxed{2\text{cm}} + 38\text{cm} = 40\text{cm}$$

$$\textcircled{3} \quad 26\text{km} + \boxed{4\text{km}} = 30\text{km}$$

$$\textcircled{4} \quad 62\text{g} + \boxed{8\text{g}} = 70\text{g}$$

$$\textcircled{5} \quad 72\text{mg} + \boxed{8\text{mg}} = 80\text{mg}$$

$$\textcircled{6} \quad 53\text{L} + \boxed{7\text{L}} = 60\text{L}$$

$$\textcircled{7} \quad \boxed{4\text{ml}} + 16\text{ml} = 20\text{ml}$$

$$\textcircled{8} \quad \boxed{5\text{s}} + 25\text{s} = 30\text{s}$$

$$\textcircled{9} \quad 84\text{mm} + \boxed{6\text{mm}} = 90\text{mm}$$

$$\textcircled{10} \quad \boxed{8\text{kg}} + 42\text{kg} = 50\text{kg}$$

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

I can find the missing piece to the next multiple of 10

Remember to:

- check the ones (units) digit
- use your Jigsaw Numbers to 10 to make the ones (units) digit total 10

1

Pom has 26 oranges. How many more does he need to have 30 oranges?

2

Pim has £45. His friend gives him £5. How much does he have now?

3

Pim has 63kg of sand. How much more does he need to have 70kg of sand?

4

Pim has run 39km. His target is 40km. How far does he still have to run?

5

What is the missing piece: $72 + [\quad] = 80$?

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

I can find the missing piece to the next multiple of 10

Remember to:

- check the ones (units) digit
- use your Jigsaw Numbers to 10 to make the ones (units) digit total 10

1

Pom has 26 oranges. How many more does he need to have 30 oranges?

He needs 4 more oranges.

2

Pim has £45. His friend gives him £5. How much does he have now?

He has £50.

3

Pim has 63kg of sand. How much more does he need to have 70kg of sand?

He needs 7kg of sand.

4

Pim has run 39km. His target is 40km. How far does he still have to run?

He still has to run 1km.

5

What is the missing piece: $72 + [] = 80$?

The missing piece is 8.

Question Practice Resources

Question 6 - I can solve any 3 digit - 1 digit

Remember to:

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

**Step
19****Subtraction**

I can solve any 3d - 1d

Remember To:

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

1 $454 - 3 =$

2 $173 - 7 =$

3 $620 - 6 =$

4 $592 - 1 =$

5 $199 - 6 =$

6 $112 - 7 =$

7 $983 - 1 =$

8 $443 - 9 =$

9 $242 - 6 =$

10 $371 - 4 =$

Step
19**Subtraction**

I can solve any 3d - 1d

Remember To:

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

1 $454 - 3 = 451$

2 $173 - 7 = 166$

3 $620 - 6 = 614$

4 $592 - 1 = 591$

5 $199 - 6 = 193$

6 $112 - 7 = 105$

7 $983 - 1 = 982$

8 $443 - 9 = 434$

9 $242 - 6 = 236$

10 $371 - 4 = 367$

Step
19**Subtraction**

I can solve any 3d - 1d

Remember To:

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

1

$454\text{m} - 3\text{m} =$

2

$173\text{cm} - 7\text{cm} =$

3

$620\text{km} - 6\text{km} =$

4

$592\text{g} - 1\text{g} =$

5

$199\text{mg} - 6\text{mg} =$

6

$112\text{L} - 7\text{L} =$

7

$983\text{ml} - 1\text{ml} =$

8

$443\text{s} - 9\text{s} =$

9

$242\text{mm} - 6\text{mm} =$

10

$371\text{kg} - 4\text{kg} =$

Step
19

Subtraction

I can solve any 3d - 1d

Remember To:

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

$$1 \quad 454\text{m} - 3\text{m} = 451\text{m}$$

$$2 \quad 173\text{cm} - 7\text{cm} = 166\text{cm}$$

$$3 \quad 620\text{km} - 6\text{km} = 614\text{km}$$

$$4 \quad 592\text{g} - 1\text{g} = 591\text{g}$$

$$5 \quad 199\text{mg} - 6\text{mg} = 193\text{mg}$$

$$6 \quad 112\text{L} - 7\text{L} = 105\text{L}$$

$$7 \quad 983\text{ml} - 1\text{ml} = 982\text{ml}$$

$$8 \quad 443\text{s} - 9\text{s} = 434\text{s}$$

$$9 \quad 242\text{mm} - 6\text{mm} = 236\text{mm}$$

$$10 \quad 371\text{kg} - 4\text{kg} = 367\text{kg}$$

Step
19**Subtraction**I can solve any $3d - 1d$ **Remember to:**

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

1

Pim has £902. He bought flowers for £9. How much money does he have left?

2

Pim took away 7g of sweets from the weighing scales. He started with 656g. What is the weight on the scales?

3

Pim had to run 752km. So far he has run 7km. What is the total distance he has left to go?

4

What is the difference between 766 and 8?

5

Pim has 244L of water in a barrel. He poured out 9L. How much liquid is in the barrel?

**Step
19****Subtraction**I can solve any $3d - 1d$ **Remember to:**

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

1

Pim has £902. He bought flowers for £9. How much money does he have left?

He has £893 left.

2

Pim took away 7g of sweets from the weighing scales. He started with 656g. What is the weight on the scales?

There is 649g on the scales.

3

Pim had to run 752km. So far he has run 7km. What is the total distance he has left to go?

He still has to go 745km.

4

What is the difference between 766 and 8?

The difference is 758.

5

Pim has 244L of water in a barrel. He poured out 9L. How much liquid is in the barrel?

There is 235L of liquid in the barrel.

Step
19

Subtraction

I can solve any $3d - 1d$

Remember To:

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

1

Which is the **$103p - 6p$**
odd one out?

Double 49p



2

Ruby and Paul are both taking part in a sponsored walk. Paul completes the walk in two hours and four minutes. Ruby says that this is the same as 124 minutes. Is she correct? Can you prove it? Ruby completes the walk seven minutes quicker than Paul. How long does she take for the walk?

3

Joshua says that if you start with the number of days in one year and take away the number of days in one week you will get three hundred and fifty eight if the year is NOT a Leap Year. Is he correct? Can you prove it? What would be different if the year was a Leap Year?

4



This piece of string is 135cm long. Two pieces are cut from this length. One is just five centimetres long and the other is forty centimetres long. What length of string remains?

5

A three digit number take away a one digit number equals one hundred and eight. How many different answers can you find for both numbers?

$$\square\square\square - \square = 108$$

Step
19

Subtraction

I can solve any 3d - 1d

Remember To:

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

1

103p - 6p

Double 49p



2

Yes, Ruby is correct as there are 60 minutes in an hour so two hours and four minutes = 124 minutes. Ruby completes the walk in 117 minutes / 1 hour and 57 minutes.

3

Yes, Joshua is correct. There are 365 days in a year and there are 7 days in a week. $365 - 7 = 358$. If it was a leap year, the answer would be 359.

4

90cm of string remains.

5

e.g. $109 - 1$, $110 - 2$, $111 = 3$

Question Practice Resources

Question 7 - I can solve any 2 digit + 1 digit

Remember to:

- partition the 2d number
- add the units
- add the units answer on to the multiple of ten

**Step
20****Addition**

I can solve any 2d + 1d

Remember To:

- partition the 2d number
- add the units
- add the units answer on to the multiple of ten

1 $84 + 7 =$

2 $83 + 6 =$

3 $64 + 9 =$

4 $93 + 2 =$

5 $98 + 7 =$

6 $46 + 6 =$

7 $88 + 9 =$

8 $21 + 6 =$

9 $54 + 7 =$

10 $71 + 7 =$

Step
20

Addition

I can solve any 2d + 1d

Remember To:

- partition the 2d number
- add the units
- add the units answer on to the multiple of ten

1

$$84 + 7 = 91$$

2

$$83 + 6 = 89$$

3

$$64 + 9 = 73$$

4

$$93 + 2 = 95$$

5

$$98 + 7 = 105$$

6

$$46 + 6 = 52$$

7

$$88 + 9 = 97$$

8

$$21 + 6 = 27$$

9

$$54 + 7 = 61$$

10

$$71 + 7 = 78$$

Step
20**Addition**

I can solve any 2d + 1d

Remember To:

- partition the 2d number
- add the units
- add the units answer on to the multiple of ten

1

$84\text{kg} + 7\text{kg} =$

2

$83\text{L} + 6\text{L} =$

3

$64\text{m} + 9\text{m} =$

4

$93\text{cm} + 2\text{cm} =$

5

$98\text{km} + 7\text{km} =$

6

$46\text{m} + 6\text{m} =$

7

$89\text{ml} + 9\text{ml} =$

8

$31\text{L} + 7\text{L} =$

9

$54\text{mm} + 7\text{mm} =$

10

$71\text{s} + 7\text{s} =$

**Step
20****Addition**

I can solve any 2d + 1d

Remember To:

- partition the 2d number
- add the ones
- add the ones answer on to the multiple of ten

1

Laura gets 2 pence change.

2

Jacob now has 32 pencils.

3

$$18 + 7 \qquad \frac{1}{2} \text{ of } 50 \qquad 40 - 10 - 5 \qquad 17 + 9$$

4

34m

5

Yes, Aisha is correct.

**Step
20****Addition**I can solve any $2d + 1d$ **Remember to:**

- partition the 2d number
- add the units
- add the units answer on to the multiple of ten

1

Pom bought toys for £72 and yoghurt's for £8. How much did he spend?

2

Pom made a pile of 28 oranges. He put 6 more oranges in the pile. How many are in the pile now?

3

Pim ran 92m. He had a rest. He ran another 5m. How far did he go in total?

4

What is 56 add 3?

5

Pom is 67m tall. Pim is 5m tall. How tall are they together?

**Step
20****Addition**I can solve any $2d + 1d$ **Remember to:**

- partition the 2d number
- add the units
- add the units answer on to the multiple of ten

1

Pom bought toys for £72 and yoghurt's for £8. How much did he spend?

He spent £80.

2

Pom made a pile of 28 oranges. He put 6 more oranges in the pile. How many are in the pile now?

There are 34 oranges in the pile.

3

Pim ran 92m. He had a rest. He ran another 5m. How far did he go in total?

He ran 97m in total.

4

What is 56 add 3?

The answer is 59.

5

Pom is 67m tall. Pim is 5m tall. How tall are they together?

They are 72m tall together.

Step
20

Addition

I can solve any 2d + 1d

Remember To:

- partition the 2d number
- add the units
- add the units answer on to the multiple of ten

1

$$84\text{kg} + 7\text{kg} = 91\text{kg}$$

2

$$83\text{L} + 6\text{L} = 89\text{L}$$

3

$$64\text{m} + 9\text{m} = 73\text{m}$$

4

$$93\text{cm} + 2\text{cm} = 95\text{cm}$$

5

$$98\text{km} + 7\text{km} = \\ 105\text{km}$$

6

$$46\text{m} + 6\text{m} = 52\text{m}$$

7

$$89\text{ml} + 9\text{ml} = 98\text{ml}$$

8

$$31\text{L} + 7\text{L} = 38\text{L}$$

9

$$55\text{mm} + 7\text{mm} = \\ 62\text{mm}$$

10

$$71\text{s} + 7\text{s} = 78\text{s}$$

Step
20

Addition

I can solve any $2d + 1d$

Remember To:

- partition the 2d number
- add the ones
- add the ones answer on to the multiple of ten

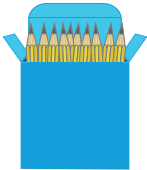
1



Cupcakes are sold in two different sizes. A small cupcake costs 35p and a larger cupcake is 8p more expensive than the small size. Laura buys a large cupcake using the coins shown. How much change does she get?



2



Pencils are kept in boxes with ten pencils in every box. Jacob has three boxes of pencils but one of the boxes has four pencils missing. Lily gives Jacob six more pencils. How many pencils does Jacob now have?

3

Which is the odd one out?

$$18 + 7$$

$$\frac{1}{2} \text{ of } 50$$

$$17 + 9$$

$$40 - 10 - 5$$

4

Charlotte walks around the edge of this rectangular playground, stopping when she has reached half-way. How far has she walked?



5

10 : 47

Aisha's digital clock is seven minutes slow. She says that in six minutes time it will be 11 o'clock. Is Aisha correct?

Question Practice Resources

Question 8 - I can add any 2 digit tens number to another one

Remember to:

- use your Learn Its to find how many tens altogether
- turn your tens total back into a number (17 tens = 170)

**Step
21****Addition**

I can add any 2d tens number to another one

Remember To:

- use your Learn Its to find how many tens altogether
- turn your tens total back into a number (17 tens = 170)

1 $20 + 30 =$

2 $50 + 60 =$

3 $80 + 30 =$

4 $80 + 10 =$

5 $50 + 30 =$

6 $80 + 20 =$

7 $60 + 80 =$

8 $70 + 80 =$

9 $90 + 90 =$

10 $40 + 10 =$

Step
21

Addition

I can add any 2d tens number to another one

Remember To:

- use your Learn Its to find how many tens altogether
- turn your tens total back into a number (17 tens = 170)

1

$$20 + 30 = 50$$

2

$$50 + 60 = 110$$

3

$$80 + 30 = 110$$

4

$$80 + 10 = 90$$

5

$$50 + 30 = 80$$

6

$$80 + 20 = 100$$

7

$$60 + 80 = 140$$

8

$$70 + 80 = 150$$

9

$$90 + 90 = 180$$

10

$$40 + 10 = 50$$

Step
21

Addition

I can add any 2d tens number to another one

Remember To:

- use your Learn Its to find how many tens altogether
- turn your tens total back into a number (17 tens = 170)

1

$40\text{km} + 30\text{km} =$

2

$50\text{kg} + 60\text{kg} =$

3

$80\text{s} + 30\text{s} =$

4

$80\text{m} + 10\text{m} =$

5

$50\text{cm} + 30\text{cm} =$

6

$80\text{L} + 20\text{L} =$

7

$60\text{kg} + 80\text{kg} =$

8

$60\text{mm} + 80\text{mm} =$

9

$70\text{g} + 70\text{g} =$

10

$70\text{L} + 10\text{L} =$

Step
21

Addition

I can add any 2d tens number to another one

Remember To:

- use your Learn Its to find how many tens altogether
- turn your tens total back into a number (17 tens = 170)

1

$$40\text{km} + 30\text{km} = 70\text{km}$$

2

$$50\text{kg} + 60\text{kg} = 110\text{kg}$$

3

$$30\text{s} + 30\text{s} = 60\text{s}$$

4

$$80\text{m} + 10\text{m} = 90\text{m}$$

5

$$50\text{cm} + 30\text{cm} = 80\text{cm}$$

6

$$80\text{L} + 20\text{L} = 100\text{L}$$

7

$$50\text{kg} + 80\text{kg} = 130\text{kg}$$

8

$$60\text{mm} + 80\text{mm} = 140\text{mm}$$

9

$$90\text{g} + 90\text{g} = 180\text{g}$$

10

$$70\text{L} + 10\text{L} = 80\text{L}$$

**Step
21****Addition**

I can add any 2d tens number to another one

Remember to:

- use your 'Learn Its' to find how many tens altogether
- turn your tens total back into a number (17 tens = 170)

1

Pom bought clothes for £80 and video games for £90. How much did he spend?

2

Speedy Col has 70kg of wood on the weighing scales. She adds 50kg more. What is the weight on the scales?

3

Mully has 60L of water in a bucket. He adds 80L more. How much liquid is in the bucket?

4

Pim ran 90km. He had a rest. He ran another 10km. How far did he go in total?

5

Pom is 40cm tall. Pim is 50cm tall. How tall are they together?

**Step
21****Addition**

I can add any 2d tens number to another one

Remember to:

- use your 'Learn Its' to find how many tens altogether
- turn your tens total back into a number (17 tens = 170)

1

Pom bought clothes for £80 and video games for £90. How much did he spend?

He spent £170.

2

Speedy Col has 70kg of wood on the weighing scales. She adds 50kg more. What is the weight on the scales?

There is 120kg on the scales.

3

Mully has 60L of water in a bucket. He adds 80L more. How much liquid is in the bucket?

There is 140L in the bucket.

4

Pim ran 90km. He had a rest. He ran another 10km. How far did he go in total?

He ran 100km in total.

5

Pom is 40cm tall. Pim is 50cm tall. How tall are they together?

They are 90cm tall together.

Step
21

Addition

I can add any 2d tens number to another one

Remember To:

- use your 'Learn Its' to find how many tens altogether
- turn your tens total back into a number (17 tens = 170)

1



Amelia has £2 to spend on fruit. She buys an orange, a mango and a pineapple. How much change does she get?



30p



60p



90p

2

What is the length of the red rectangle?



3



Michael can buy $\frac{1}{2}$ a pizza for 50p. How much would he have to pay for one and a half pizzas?

4

Which is the odd one out?

80 + 70

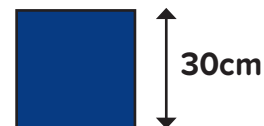
Double 70

$\frac{1}{2}$ of 300

60 + 90

5

How much longer than one metre is the total distance around this square?



**Step
21****Addition**

I can add any 2d tens number to another one

Remember To:

- use your 'Learn Its' to find how many tens altogether
- turn your tens total back into a number (17 tens = 170)

1

Amelia gets 20p change.

2

The red rectangle is 70cm long.

3

£1.50

4

$80 + 70$

Double 70

$\frac{1}{2} \text{ of } 300$

$60 + 90$

5

The distance around the square is 20cm longer than a metre.

Question Practice Resources

Question 9 - I know the 1 digit gap from a multiple of 10

Remember to:

- check the tens digits are both the same
- use the units digits to see the gap

**Step
23****Subtraction**

I know the 1d gap from a multiple
of 10

Remember To:

- check the tens digit are both the same
- use the units digit to see the gap

1 $45 - 40 =$

2 $86 - 80 =$

3 $57 - 50 =$

4 $35 - 30 =$

5 $79 - 70 =$

6 $44 - 40 =$

7 $17 - 10 =$

8 $47 - 40 =$

9 $43 - 40 =$

10 $55 - 50 =$

Step
23

Subtraction

I know the 1d gap from a multiple
of 10

Remember To:

- check the tens digit are both the same
- use the units digit to see the gap

1

$$45 - 40 = 5$$

2

$$86 - 80 = 6$$

3

$$57 - 50 = 7$$

4

$$35 - 30 = 5$$

5

$$79 - 70 = 9$$

6

$$44 - 40 = 4$$

7

$$17 - 10 = 7$$

8

$$47 - 40 = 7$$

9

$$43 - 40 = 3$$

10

$$55 - 50 = 5$$

Step
23

Subtraction

I know the 1d gap from a multiple
of 10

Remember To:

- check the tens digit are both the same
- use the units digit to see the gap

$$1 \quad 50\text{m} - 40\text{m} =$$

$$2 \quad 90\text{cm} - 80\text{cm} =$$

$$3 \quad 67\text{km} - 50\text{km} =$$

$$4 \quad 35\text{g} - 30\text{g} =$$

$$5 \quad 79\text{mg} - 70\text{mg} =$$

$$6 \quad 44\text{L} - 40\text{L} =$$

$$7 \quad 17\text{ml} - 10\text{ml} =$$

$$8 \quad 47\text{s} - 40\text{s} =$$

$$9 \quad 43\text{mm} - 40\text{mm} =$$

$$10 \quad 55\text{kg} - 50\text{kg} =$$

Step
23

Subtraction

I know the 1d gap from a multiple
of 10

Remember To:

- check the tens digit are both the same
- use the units digit to see the gap

1

$$50\text{m} - 40\text{m} = 10\text{m}$$

2

$$90\text{cm} - 80\text{cm} = 10\text{cm}$$

3

$$67\text{km} - 50\text{km} = 17\text{km}$$

4

$$35\text{g} - 30\text{g} = 5\text{g}$$

5

$$79\text{mg} - 70\text{mg} = 9\text{mg}$$

6

$$44\text{L} - 40\text{L} = 4\text{L}$$

7

$$17\text{ml} - 10\text{ml} = 7\text{ml}$$

8

$$47\text{s} - 40\text{s} = 7\text{s}$$

9

$$43\text{mm} - 40\text{mm} = 3\text{mm}$$

10

$$55\text{kg} - 50\text{kg} = 5\text{kg}$$

**Step
23****Subtraction**

I know the 1d gap from a multiple of 10

Remember to:

- check the tens digits are both the same
- use the units digit to see the gap

1

Pim has 83 sweets. He gave his friend 80 sweets. How many sweets does Pim have now?

2

Pom has 96 buttons. He gives Mully 90 of his buttons. How many buttons does Pom have left?

3

Pim went to the shop with £57. He bought books for £50. How much money does he have left?

4

Pim has 72L of juice in a jug. He poured out 70L. How much liquid is in the jug?

5

Pom is 64cm tall. Pim is 60cm tall. How much taller is Pom?

Step
23**Subtraction**

I know the 1d gap from a multiple of 10

Remember to:

- check the tens digits are both the same
- use the units digit to see the gap

1

Pim has 83 sweets. He gave his friend 80 sweets. How many sweets does Pim have now?

Pim has 3 sweets.

2

Pom has 96 buttons. He gives Mully 90 of his buttons. How many buttons does Pom have left?

Pom has 6 buttons left.

3

Pim went to the shop with £57. He bought books for £50. How much money does he have left?

He has £7 left.

4

Pim has 72L of juice in a jug. He poured out 70L. How much liquid is in the jug?

There is 2L left in the jug.

5

Pom is 64cm tall. Pim is 60cm tall. How much taller is Pom?

Pom is 4cm taller.

Step
23

Subtraction

I know the 1d gap from a multiple of 10

Remember To:

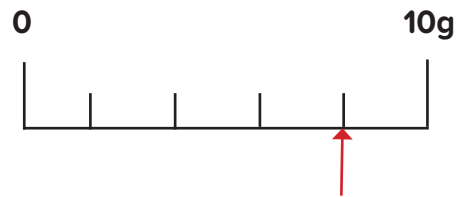
- check the tens digits are both the same
- use the units digits to see the gap

1

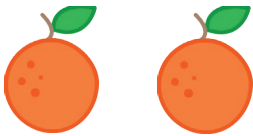
Which is the odd one out?

$$84g - 80g$$

$$\frac{1}{4} \text{ of } 16g$$



2



Oranges cost 28p each. Martha has 50p. How much more does she need to be able to buy two oranges?



3

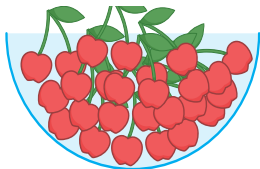
What number is shown by the letter 'n' in this picture?



4

Jacob completes his first Big Maths Beat That! Challenge in 37 seconds. For his second challenge he is six seconds quicker. How much longer than one minute is the total time taken to complete both challenges?

5



There are sixty three cherries in a bowl. James eats thirty five cherries. Laura eats ten fewer cherries than James. How many cherries are left in the bowl?

Step
23

Subtraction

I know the 1d gap from a multiple of 10

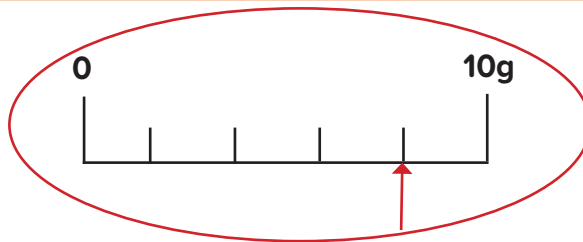
Remember To:

- check the tens digits are both the same
- use the units digits to see the gap

1

$$84\text{g} - 80\text{g}$$

$$\frac{1}{4} \text{ of } 16\text{g}$$



2

She needs 6 pence more to be able to buy the oranges.

3

$$n = 8$$

4

He takes 8 seconds longer than one minute to complete both challenges.

5

There are 3 cherries left in the bowl.

Question Practice Resources

Question 10 - I can solve 1 digit x 1 digit
(2, 3, 4, 5x tables)

Remember to:

- Learn It!

Step
9**Multiplication**

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

Remember To:

- Learn It!

1 $3 \times 5 =$

2 $7 \times 2 =$

3 $2 \times 2 =$

4 $2 \times 3 =$

5 $8 \times 3 =$

6 $5 \times 5 =$

7 $8 \times 4 =$

8 $1 \times 3 =$

9 $9 \times 2 =$

10 $7 \times 5 =$

Step
9

Multiplication

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

Remember To:

- Learn It!

$1 \quad 3 \times 5 = 15$

$2 \quad 7 \times 2 = 14$

$3 \quad 2 \times 2 = 4$

$4 \quad 2 \times 3 = 6$

$5 \quad 8 \times 3 = 24$

$6 \quad 5 \times 5 = 25$

$7 \quad 8 \times 4 = 32$

$8 \quad 1 \times 3 = 3$

$9 \quad 9 \times 2 = 18$

$10 \quad 7 \times 5 = 35$

Step
9

Multiplication

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

Remember To:

- Learn It!

$1 \quad 5\text{m} \times 5 =$

$2 \quad 8 \times 3\text{cm} =$

$3 \quad 3 \times 2\text{km} =$

$4 \quad 3 \times 3\text{g} =$

$5 \quad 6\text{mg} \times 3 =$

$6 \quad 5 \times 5\text{L} =$

$7 \quad 8\text{ml} \times 4 =$

$8 \quad 1 \times 3\text{s} =$

$9 \quad 9 \times 2\text{mm} =$

$10 \quad 7 \times 5\text{kg} =$

Step
9

Multiplication

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

Remember To:

- Learn It!

$$1 \quad 5\text{m} \times 5 = 25\text{m}$$

$$2 \quad 8 \times 3\text{cm} = 24\text{cm}$$

$$3 \quad 3 \times 2\text{km} = 6\text{km}$$

$$4 \quad 3 \times 3\text{g} = 9\text{g}$$

$$5 \quad 6\text{mg} \times 3 = 18\text{mg}$$

$$6 \quad 5 \times 5\text{L} = 25\text{L}$$

$$7 \quad 8\text{ml} \times 4 = 32\text{ml}$$

$$8 \quad 1 \times 3\text{s} = 3\text{s}$$

$$9 \quad 9 \times 2\text{mm} = 18\text{mm}$$

$$10 \quad 7 \times 5\text{kg} = 35\text{kg}$$

Step
9**Multiplication**

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

Remember to:

- Learn It!

1

Pim has 7 boxes. Each box has 2 sweets. How many sweets are there in total?

2

6 friends put together their cards. They each have 3 cards. How many are there in total?

3

A box of cherries costs £2. I want to buy 5 boxes. How much does that cost?

4

A box of apples weighs 4kg. There are 4 boxes. What is the total weight?

5

Pim has 9 jugs of water. Each jug contains 2L. How much is there in total?

Step
9**Multiplication**

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

Remember to:

- Learn It!

1

Pim has 7 boxes. Each box has 2 sweets. How many sweets are there in total?

There are 14 sweets in total.

2

6 friends put together their cards. They each have 3 cards. How many are there in total?

There are 18 in total.

3

A box of cherries costs £2. I want to buy 5 boxes. How much does that cost?

It costs £10.

4

A box of apples weighs 4kg. There are 4 boxes. What is the total weight?

The total weight is 16kg.

5

Pim has 9 jugs of water. Each jug contains 2L. How much is there in total?

There is 18L of water in total.

Step
9

Multiplication

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

Remember To:

- Learn It!

1



Pattern
1



Pattern
2



Pattern
3

How many red and green dots in pattern number 9?

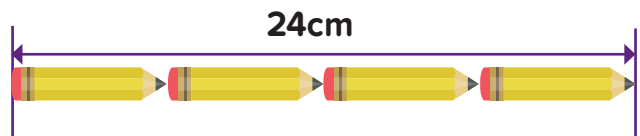
2



A large box contains exactly one hundred oranges. Taking oranges from this box, Bradley fills seven bags by putting five oranges in each bag. How many oranges are left in the box?

3

Four pencils are placed end to end as shown in the picture. If each pencil is the same length, then what would be the total length of three pencils?



4

Tariq says he has a quick way of finding the total of these numbers. Can you find a quick way of finding the total?



5

Rachel and Mary start with a full box of straws and make triangles, squares and pentagons by joining straws of the same length. They make the same number of each shape. If they make 18 shapes altogether, then how many straws are left in the box?

100
construction
straws



Step
9**Multiplication**

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

Remember To:

- Learn It!

1

In pattern number 9 there would be 36 red dots and 18 green dots.

2

There are 65 oranges left in the box.

3

Three pencils would be 18cm in length.

4

Work out 9×2 and 7×4 and then add the answers together.

5

There would be 28 straws left in the box.