Lesson 1

Mental maths warm up.

Can you flip between times and divide?

You need to show your calculation and how you worked it out.

Only use multiples of 2, 5, 10 or 3.

Times X	Divide ÷
Lots of	Shared by
Multiplied by	Divided by
times	halve
double	third
twice	quarter

Do lots of examples in your book.

eg. Ask :- What's 6 times 2?

Child writes 6x2=

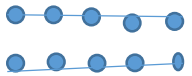
Then does repeated addition to work it out.

2+2+2+2+2+2= 12

eg. Ask :- What's 20 divide by 5?

Child writes 10÷5=

Then does repeated subtraction to work it out.
(an array)



You can take two lots of 5 away until there is none left.

Can I work out missing numbers in a times calculation?

Can I work out missing numbers in a times calculation?

1.

_____x 5=15

How many lots of 5 make 15?

Use 5p coins to work it out.

Or use your fingers.

Each finger is worth 5!

2. Try these!

____x5= 20

____x5=30

____x5=40

____x5=50

Can I work out missing numbers in a times calculation?

1.

_____x 2=14

How many lots of 2 make 14?

Use 2p coins to work it out.

Or use your fingers.

Each finger is worth 2!

2. Try these!

_____x2= 20

_____x2=8

_____x2=18

_____x2=24

Can I work out missing numbers in a times calculation?

1.

_____x 10=20

How many lots of 10 make 20?

Use 10p coins to work it out.

Or use your fingers.

Each finger is worth 10!

2. Try these!

____x10= 20

____x10=100

____x10=40

____x10=60

Can I work out missing numbers in a times calculation?
The numbers have been flipped in these.

Remember:- 2x5= 10 5x2= 10

If you flip numbers in a times calculation the answers are the same!
It doesn't matter which way round you put the numbers.

1.

2 x_____ =10

2 lots of something makes 10?

Flip the calculation!

_____x 2= 10

Use 2p coins to work it out.

Or use your fingers.

Each finger is worth 2!

2. Try these!

2x_____= 20

2x_____=6

2x_____= 16

2x_____= 2

Can I work out missing numbers in a times calculation?
The numbers have been flipped in these.

Remember:- 2x5= 10 5x2= 10

If you flip numbers in a times calculation the answers are the same!
It doesn't matter which way round you put the numbers.

1.

5 x_____ =25

5 lots of something makes 25?

Flip the calculation!

_____x 5= 25

Use 5p coins to work it out.

Or use your fingers.

Each finger is worth 5!

2. Try these!

5x_____= 20

5x_____=35

5x_____= 45

5x_____= 5

Can I work out missing numbers in a times calculation?
The numbers have been flipped in these.

Remember:- 2x5= 10 5x2= 10

If you flip numbers in a times calculation the answers are the same!
It doesn't matter which way round you put the numbers.

1.

10 x_____ =50

10 lots of something makes 50?

Flip the calculation!

_____x 10= 50

Use 10p coins to work it out.

Or use your fingers.

Each finger is worth 10!

2. Try these!

10x_____= 20

10x_____=40

10x_____= 10

10x_____= 30

Lesson 2

Mental maths warm up.

Can you flip between times and divide?

You need to show your calculation and how you worked it out.

Only use multiples of 2, 5, 10 or 3.

Times X	Divide ÷
Lots of	Shared by
Multiplied by	Divided by
times	halve
double	third
twice	quarter

Do lots of examples in your book.

eg. Ask :- What's 6 times 2?

Child writes 6x2=

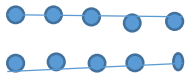
Then does repeated addition to work it out.

2+2+2+2+2+2= 12

eg. Ask :- What's 20 divide by 5?

Child writes 10÷5=

Then does repeated subtraction to work it out.
(an array)



You can take two lots of 5 away until there is none left.

Can I work out missing numbers in a divide calculation?

Can I work out missing numbers in a divide calculation?

Remember you can read a divide calculation backwards and do the opposite.
It is called the inverse.
Eg. 8÷2=4 The inverse is:- 4x2=8

Remember the opposite of divide is times!

1. _____÷5=4

How many 5's can you
take away from something
until there is none left?
{Remember a divide always starts with the
biggest number like a takeaway.}
Read it backwards and do the opposite!

4x5= _____

Work it out by doing a repeated addition, or
using your fingers as fives, or by using coins.

2. Work these out being doing the inverse.
   Read them backwards and do the opposite.

_____÷ 5= 2

_____÷ 5= 6

_____÷ 2= 3

_____÷ 2= 7

_____÷ 10= 4

Can I work out missing numbers in a divide calculation?

Remember you can read a divide calculation backwards and do the opposite.
It is called the inverse.
Eg. 8÷2=4 The inverse is:- 4x2=8

Remember the opposite of divide is times!

1. 12÷___=6

What number can you keep taking away

from 12 until there's none left?

Read it backwards and do the opposite!

6x____= 12

Is it 6x2? 6x5? 6x10?

Work it out by doing a repeated addition, or

using your fingers as fives, or by using coins.

2. Work these out being doing the inverse.
   Read them backwards and do the opposite.

25÷ _____= 5

40÷ _____= 8

18÷ _____= 9

10÷ _____= 5

50÷ _____= 5

Lesson 3

Mental maths warm up.

Can you times two numbers together by using your **fingers**?

You need to show your calculation and how you worked it out.

Only use multiples of 2, 5, 10 or 3.

Times X
Lots of
Multiplied by
times

eg. Ask :- What's 6 times 2?

Child writes 6x2=

Then does repeated addition to work it out on their fingers.

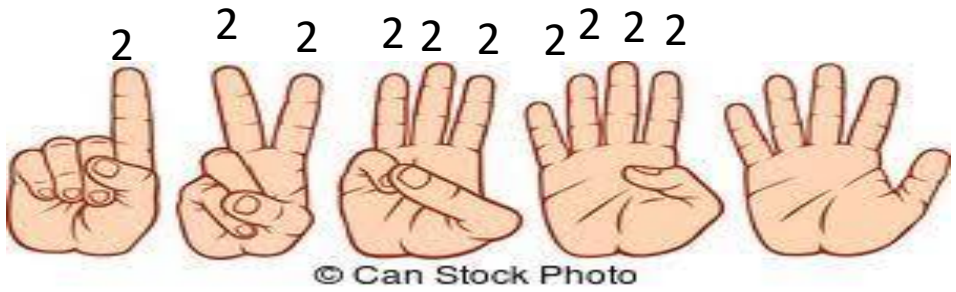
(Child show 6 fingers, Each finger is worth 2, They add the twos together)

2+2+2+2+2+2= 12

Do lots of examples in your book.

Do lots of 2/lots of 5/lots of 10.

Let your fingers do the counting.



2 4 6 8

Can I work out missing numbers in a divide or times calculation?

Practise the skills you learnt in lesson one and two.
When you have got them try the activity work sheet.