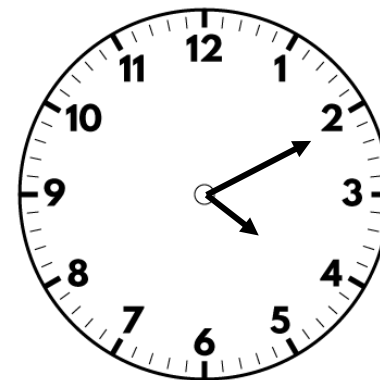


- 1) Use the diagram to work out 15×19

$\times$	10	5
10		
9		



- 2) Multiply 32 by 5
- 3) What is the perimeter of a rectangle that has length 8 cm and width 3 cm?
- 4) What is the value of 6 in the number 16,412?

Lesson 6- Divide 4 by 1 digit numbers

LO: To be able to divide 4 by 1 digit numbers

Recall

1. $924 \div 7 =$

2. $608 \div 8 =$

3. $638 \div 4 =$



LO: To be able to divide 4 by 1 digit numbers

Top Down	Self Assessment
Some of us will even: I can answer problem solving and reasoning questions when dividing 4 by 2 digit numbers	
Some of us will: I can find missing numbers when dividing 4 digit numbers by 1 digit numbers using written method	
Most of us will: I can divide 4 digit numbers by 1 digit numbers using short division written method	
All of us will: I can divide 4 digit numbers by 1 digit numbers using place value chart grouping	

Guided practice - My turn

- ▶ Mr Lopez and Miss Hall go to the fair. They buy and share 64 tickets equally.
- ▶ How many tickets does each class get?
- ▶ There are 48 children going to the fair. How many cars will the ride need for them all to go on together?



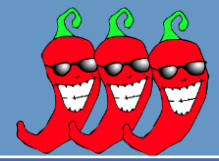
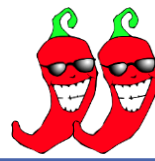
- ▶ If 2 more classes of 36 children come to the fair, how many cars will the rollercoaster need?

Guided practice - Your turn

- ▶ Mr Lopez and Miss Hall go to the fair. They buy and share 88 tickets equally.
- ▶ How many tickets does each class get?
- ▶ There are 84 children going to the fair. How many cars will the ride need for them all to go on together?



- ▶ If 2 more classes of 38 children come to the fair, how many cars will the rollercoaster need?



Use written method to solve these calculations.

1. $1.242 \div 2 =$
2. $6.48 \div 2 =$
3. $8.42 \div 2 =$
4. $4.44 \div 2 =$
5. $6.88 \div 2 =$

Use written method to solve these calculations.

1. $1.3669 \div 3 =$
2. $3.939 \div 3 =$
3. $3.666 \div 6 =$
4. $2.610 \div 6 =$
5. $3.822 \div 6 =$

Use written method to solve these calculations.

1. $5.680 \div 4 =$
2. $8.568 \div 4 =$
3. $8.648 \div 8 =$
4. $9.168 \div 8 =$
5. $11.648 \div 8 =$



Fill in the missing numbers in these short divisions.

a)
$$\begin{array}{r} 3 \overline{) 3 \ 2 \ 0 \ 1} \end{array}$$

b)
$$\begin{array}{r} \overline{) 1 \ 1 \ 0} \\ 8 \end{array}$$

c)
$$\begin{array}{r} \overline{) 1 \ 2 \ 1} \end{array}$$



Mr Porter has saved £8,934
He shares it equally between his three grandchildren.
How much do they each receive?



Use written method to solve these calculations.

1. $242 \div 2 = 121$
2. $648 \div 2 = 324$
3. $842 \div 2 = 421$
4. $444 \div 2 = 222$
5. $688 \div 2 = 344$

Use written method to solve these calculations.

1. $3669 \div 3 = 1223$
2. $3939 \div 3 = 1313$
3. $3666 \div 3 = 611$
4. $2610 \div 6 = 435$
5. $3822 \div 6 = 637$

Use written method to solve these calculations.

1. $5680 \div 4 = 1420$
2. $8568 \div 4 = 2142$
3. $8648 \div 4 = 1081$
4. $9168 \div 4 = 1146$
5. $11648 \div 8 = 1456$



Fill in the missing numbers in these short divisions.

a)

$$\begin{array}{r} 3 2 0 1 \\ 3 \overline{) 1 6 0 3} \end{array}$$

b)

$$\begin{array}{r} 2 1 1 0 \\ 4 \overline{) 8 4 4 0} \end{array}$$

c)

$$\begin{array}{r} 1 2 1 \\ 4 \overline{) 4 8 4} \end{array}$$

Mr Porter has saved £8,934
He shares it equally between his three grandchildren.
How much do they each receive?

$$\begin{array}{r} 2 9 7 8 \\ 3 \overline{) 8 9 3 4} \end{array}$$



Dive Deeper 1

1)

11. Grandma Jones had £378 which she shared equally between her 7 grandchildren. How much money did each grandchild receive?

13. 6713 seven-year-old children in a town near Liverpool are allocated one of 7 schools. If the children are split amongst the schools equally, how many children will go to each school?

2)

5b. Josh completes the following calculation.

	1	9	1	0
5	9	⁴ 5	8	0

Explain his mistake.
Calculate the correct answer.

3)

4a. Belle has written a comparison statement.

$$2,160 \div 8 > 2,526 \div 6$$

Is she correct? Explain how you know.

4)

8a. Cupcakes are packed into trays. One tray holds 9 cupcakes. There are 3,559 cupcakes. How many trays are needed to hold all the cupcakes?

Show your method.



Dive Deeper 2

1)

Spot the Mistake

Explain and correct the working.

Thousands	Hundreds	Tens	Ones
1000 1000 1000	100 100 100	10	1 1 1
1000 1000 1000	100		1
1000 1000 1000			

	3	1	0	1
3	9	4	1	4

2)

This table shows the total amount of different types of fruit that a supermarket has.

Complete the table using your knowledge of multiplication and division.

Type of fruit	Number of packs	Number in each pack	Total number
Pears		6	72
Plums	15	8	
Pomegranates	12	4	
Peaches		5	150

3)

Contexts

Question	number sentence
16 children share some sweets. They get 4 sweets each. How many sweets?	$\div 16 = 4$
90 eggs are packed into 15 boxes. How many eggs in each box?	

Write a question for $\div 5 = 60$ and $60 \div$ $= 5$