Steps to success

Lockdown work	
Date	20.1.21
Subject/s	Maths
Learning Objective	To divide 3 digit numbers by 1 digit numbers.

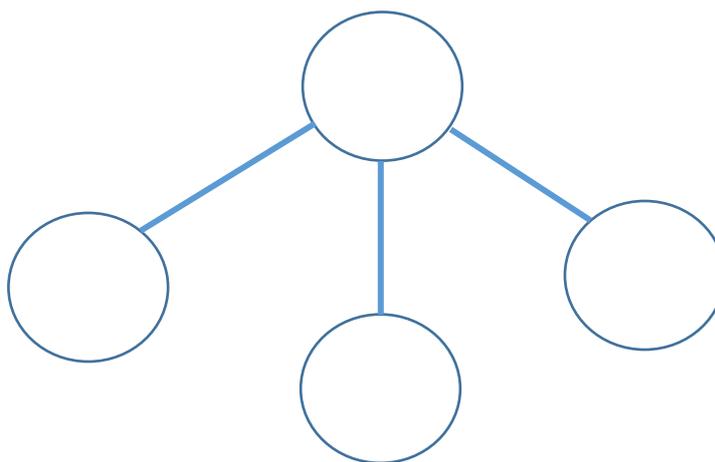|		SA	TA
Success Criteria	I can partition numbers to help me divide.		
	I can use different methods to help me find the correct answer.		
	I can divide 3 digit numbers by 1 digit numbers.		
Support	Independently Support ( ) Group work		

Pre-task:

Can you use what you have learnt already to answer these questions?

Hundreds	Tens	Ones

125 ÷5=

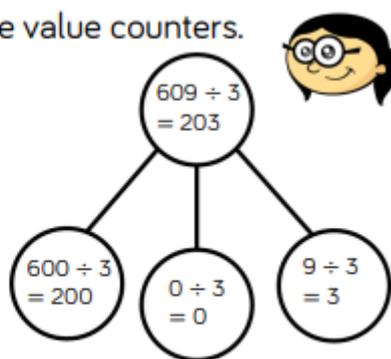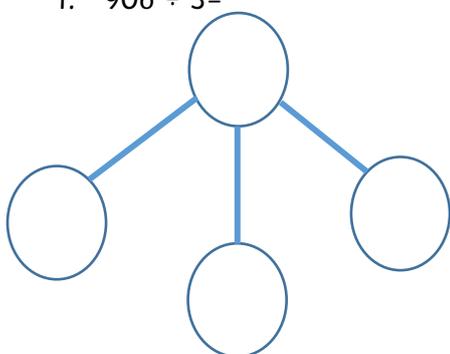**244 ÷ 4=**

Fluency

Annie is dividing 609 by 3 using place value counters.

Hundreds	Tens	Ones
100 100		1 1 1
100 100		1 1 1
100 100		1 1 1

$609 \div 3 = 203$

$600 \div 3 = 200$ $0 \div 3 = 0$ $9 \div 3 = 3$

Use Annie's method to calculate the divisions.

$906 \div 3$ $884 \div 4$ $884 \div 8$ $489 \div 2$

1. $906 \div 3 =$

Hundreds	Tens	Ones

2. $884 \div 4 =$

Hundreds	Tens	Ones

3. $489 \div 2 =$

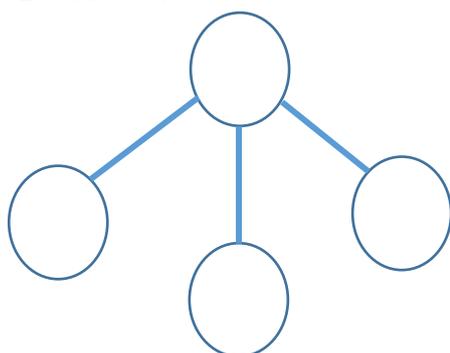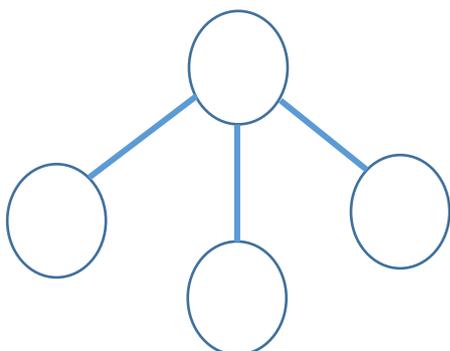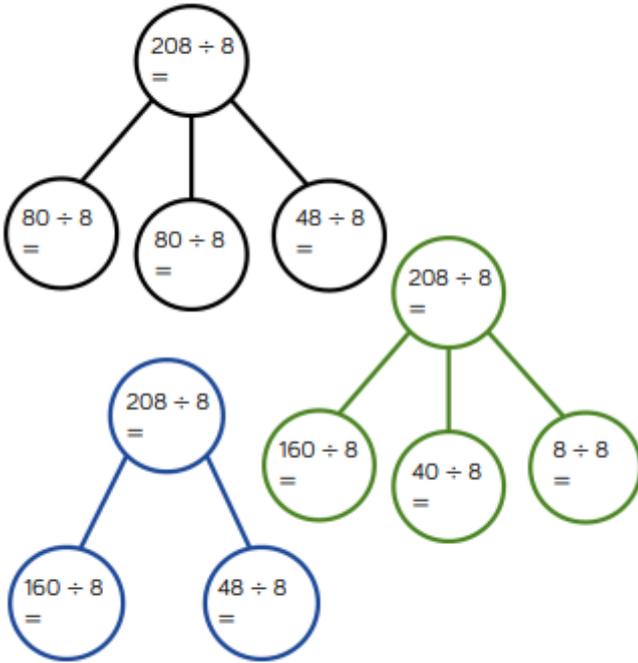| Hundreds	Tens	Ones

4. 884 ÷ 8=

Hundreds	Tens	Ones

Use it!

Dexter is calculating 208 ÷ 8 using part-whole models.
Can you complete each model?

208 ÷ 8
=

80 ÷ 8
=

80 ÷ 8
=

48 ÷ 8
=

208 ÷ 8
=

160 ÷ 8
=

40 ÷ 8
=

8 ÷ 8
=

208 ÷ 8
=

160 ÷ 8
=

48 ÷ 8
=

How many part-whole models can you make to calculate 132 ÷ 4?

You have 12 counters and the place value grid. You must use all 12 counters to complete the following.

Hundreds	Tens	Ones

Create a 3-digit number divisible by 2
Create a 3-digit number divisible by 3
Create a 3-digit number divisible by 4
Create a 3-digit number divisible by 5
Can you find a 3-digit number divisible by 6, 7, 8 or 9?