**Steps to success**

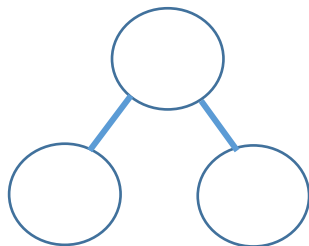| Lockdown work	
Date	19.1.21
Subject/s	Maths
Learning Objective	To divide 2 digit numbers by 1 digit numbers.

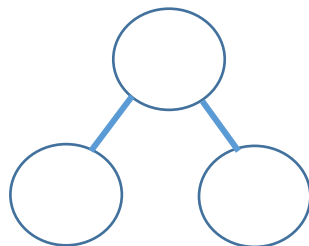|		SA	TA
Success Criteria	I can partition numbers to help me divide.		
	I know that sometimes when I divide there will be remainders.		
	I can divide numbers where my answer has remainders.		
Support	Independently Support ( ) Group work		
Pre-task:			

Use the part whole model to answer these questions.

86÷4=
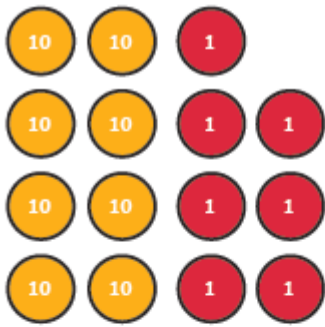
73÷5=

Fluency

Use these representations to solve the division calculations. Do you need to exchange any 10s?

a)

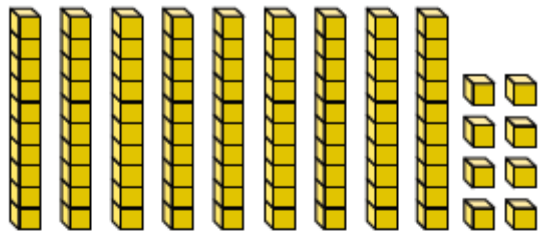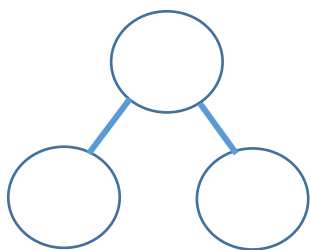| Tens	Ones

$87 \div 4 =$ ☐ remainder ☐

b)

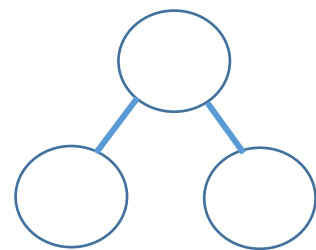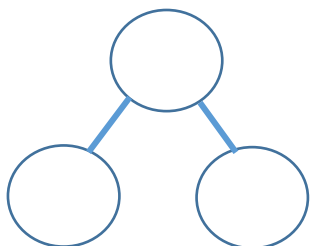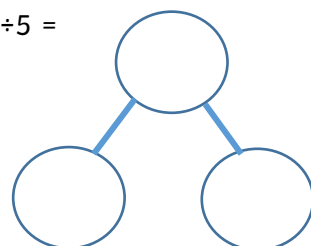| Tens	Ones

$98 \div 8 =$ ☐ remainder ☐

c) $64 \div 3 =$

d) $71 \div 6 =$

e) $57 \div 4 =$

f) $24 \div 5 =$

Problem solving and reasoning:

Prove it!

Rosie writes,
$85 \div 3 = 28 \text{ r } 1$

She says 85 must be 1 away from a multiple of 3
Do you agree?

Explain it!

37 sweets are shared between 4 friends.
How many sweets are left over?

Four children attempt to solve this problem.

- Alex says it's 1
- Mo says it's 9
- Eva says it's 9 r 1
- Jack says it's 8 r 5

Can you explain who is correct and the mistakes other people have made?

Further Challenge

Whitney is thinking of a 2-digit number that is less than 50

When it is divided by 2, there is no remainder.

When it is divided by 3, there is a remainder of 1

When it is divided by 5, there is a remainder of 3

What number is Whitney thinking of?