21.1.2021 Quick Maths

A
- 7 x 2 x 5 =
- 34 – 19 =
- Half of 46 =
- 5,__, 15,___,___, 30
- 2000m = ___km

B
- 87281 + 26541 =
- 3/7 of 49 =
- 1 x 1 x 1 x 0 =
- 12km + 9km = _____m
- 17625 – 2875 =

Challenge

(1) (9) (4) (5)

- The difference between the ones and thousands digit is 5.
- Sam's number is EVEN and rounds to 10,000.
- What is his number?

Flashback 4 Year 4 | Week 3 | Day 3

1) What is 75 divided by 3?

2) Work out 124 X 3

3) Share 60 into 3 equal groups

4) _____ metres = Half a kilometre

White Rose Maths

What we covered yesterday...

We can use the 'bus stop method' to calculate division questions.

Quotient
(the answer)

2   3

Divisor
(the number that you are dividing by)

2 | 4   6

Dividend
(the number that you are dividing)

Sometimes we are have to swap 10s for 1s - what is this process called?

DIVIDING 3-DIGIT NUMBERS BY 1-DIGIT NUMBERS

Learning Objective:
Today I am learning to
- use a written method of division
- understand exchanging when using division
- divide 3-digit numbers by 1-digit numbers

Key Vocabulary
- division
- divisible
- strategies
- remainder
- quotient
- divisor
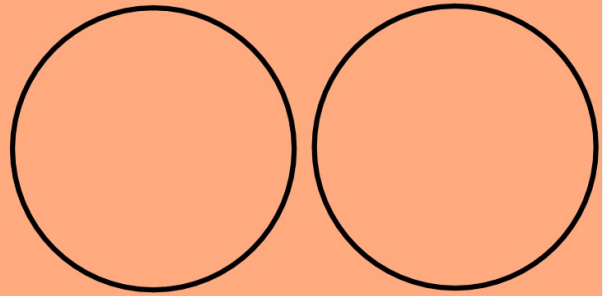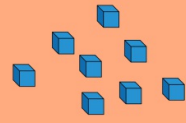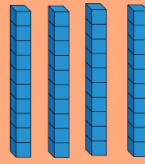- dividend

Success Criteria
I will be successful if I can
- use the 'bus stop method' confidently
- exchange numbers when using the 'bus stop method'
- develop my reasoning skills
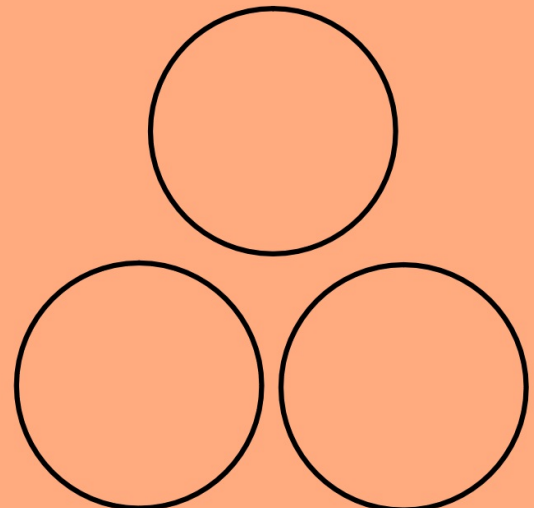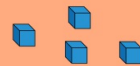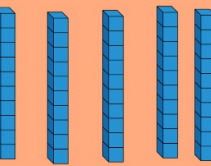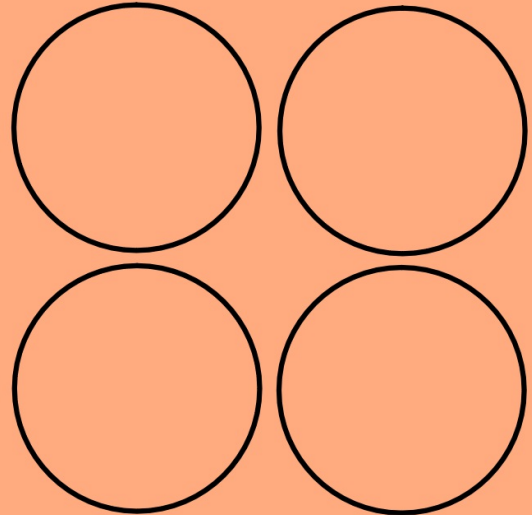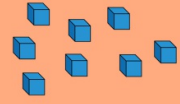
Bus Stop Method

$$2 \overline{)\ 4\quad 8}$$

Bus Stop Method

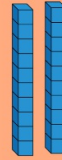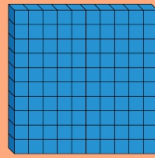*What is the main difference?*

$$3 \overline{)\ 5\quad 4}$$

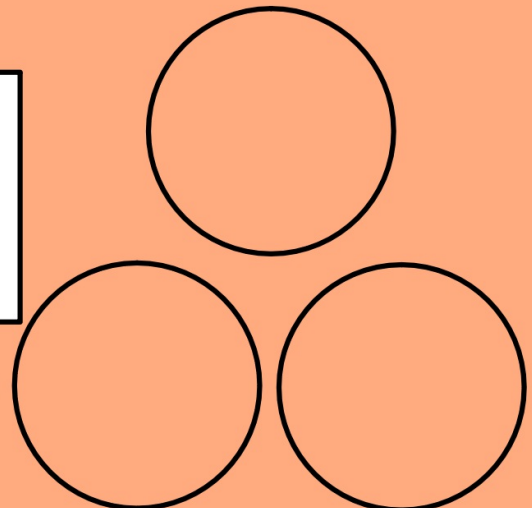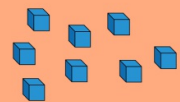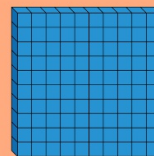# Bus Stop Method

4 | 1 2 8

Bus Stop Method

3 | 1 0 8

$$4 \overline{)\ 3\quad 7\quad 2}$$

$$7 \overline{)\ 6\quad 5\quad 1}$$

$$6 \overline{)\ 4\quad 2\quad 6}$$

$$8 \overline{)\ 2\quad 9\quad 6}$$

Show me what you know...

A

Starter activity
(Q1- Q4)

1. 28 ÷ 2 =
2. 39 ÷ 3 =
3. 32 ÷ 2 =
4. 42 ÷ 3 =
5. 65 ÷ 5 =
6. 38 ÷ 2 =

Challenge

Eva has 96 sweets.
She shares them into equal groups.
She has no sweets left over.
How many groups could Eva have shared
her sweets into?

B

1. 57 ÷ 3 =
2. 80 ÷ 5 =
3. 82 ÷ 2 =
4. 88 ÷ 4 =
5. 86 ÷ 2 =
6. 96 ÷ 4 =
7. 72 ÷ 3 =
8. 54 ÷ 2 =
9. 95 ÷ 5 =
10. 76 ÷ 2 =

C

1. 172 ÷ 4 =
2. 120 ÷ 8 =
3. 126 ÷ 2 =
4. 230 ÷ 5 =
5. 112 ÷ 2 =
6. 108 ÷ 6 =
7. 145 ÷ 5 =
8. 152 ÷ 8 =
9. 171 ÷ 3 =
10. 135 ÷ 9 =

Please set your work out
as the 'bus stop method'!

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