

Yr 2 Multiplication and Division Unit 1 (2221)

Additional teacher instructions for practice sheets

These notes indicate which practice sheets are most appropriate for which groups.

Day 1 Multiplication and Division Sheet 1

Working towards ARE / Working at ARE.

To make this easier, allow children to use 1-100 grid.

Day 1 Multiplication and Division Sheet 2

Working at Greater Depth.

Day 2 Counting in 10s and 2s Sheet 1

Working towards ARE

Children working at ARE should write as in the guided activity (4 lots of 10p) and draw the 10p coins needed to pay for each item.

Day 2 Counting in 10s and 2s Sheet 2

Working at ARE / Greater Depth

Children working towards ARE should be allowed to draw the coins needed.

Children working at Greater Depth should write as in the guided activity ($4 \times 10p = 40p$).

Multiplication and Division

Sheet 1

Continue the patterns, starting with the number below and writing a number in each box.

Start with	Count in tens					
4						

Start with	Count in twos					
3						

Start with	Count in twos					
16						

Start with	Count in tens					
19						

Start with	Count in tens					
21						

Start with	Count in twos					
25						

Start with	Count in tens					
22						

Challenge

Circle the number in each sequence which does not belong there:

8, 10, 12, 15, 16, 18, 20

90, 80, 70, 66, 50, 40, 30

11, 13, 15, 17, 20, 21, 23

Multiplication and Division

Sheet 2

Sort the numbers into the correct box. Some numbers could fit into more than one box.

Multiples of 10	Multiples of 2	Not multiples of 2 or 10

3, 12, 16, 20, 5, 9, 8, 10, 15, 30, 31, 36,
7, 40, 18, 24, 46, 50, 60, 61, 62, 86, 90

Challenge

Explain anything you notice about the numbers in the last column (not multiples of 2 or 10).

Choose one of the numbers and double it. In what box does the answer go?
Is this always true?

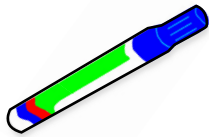
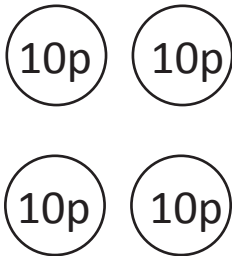
Counting in 10s

Sheet 1a

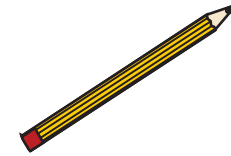
Draw the number of 10p coins needed to pay for these items.



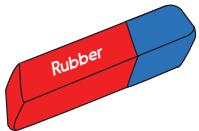
Scissors = 40p



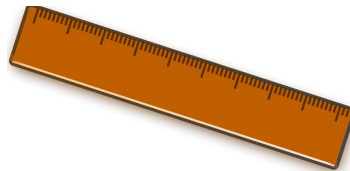
Pen = 30p



Pencil = 20p



Rubber = 50p



Ruler = 70p



Glue = 90p

Counting in 2s

Sheet 1b

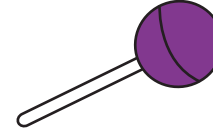
Draw the number of 2p coins needed to pay for these items.



Apple = 8p



Sweet = 12p



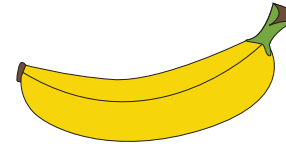
Lollipop = 24p



Bubble gum = 18p



Chocolate frog = 14p



Banana = 22p

Counting in 10s and 2s

Sheet 2

Write the number of 10p coins needed to pay for these items.

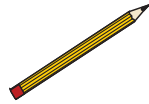


Scissors = 40p

4 lots of 10p
4 x 10p = 40p



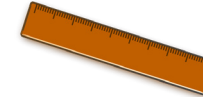
Pen = 30p



Pencil = 20p



Rubber = 50p



Ruler = 70p



Glue stick = 90p

Write the number of 2p coins needed to pay for these items.

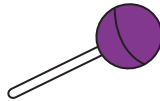


Apple = 8p

4 lots of 2p
4 x 2p = 8p



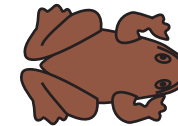
Sweet = 12p



Lollipop = 24p



Bubble gum = 18p



Chocolate frog = 14p



Banana = 22p

Challenge

Write the missing numbers in these diagrams.

?						
2p	2p	2p	2p	2p	2p	2p

40p			
?	?	?	?

Multiplication and Division Answers

Day 1 Multiplication and Division Sheet 1

4	14	24	34	44	54	64
3	5	7	9	11	13	15
16	18	20	22	24	26	28
19	29	39	49	59	69	79
21	31	41	51	61	71	81
25	27	29	31	33	35	37
22	32	42	52	62	72	82

Challenge

8, 10, 12, 15, 16, 18, 20
 90, 80, 70, 60, 50, 40, 30,
 11, 13, 15, 17, 20, 21, 23

Day 1 Multiplication and Division Sheet 2

Multiples of 10	Multiples of 2	Not multiples of 2 or 10
20, 10, 30, 40, 50, 60, 90	12, 16, 20, 8, 10, 30, 36, 40, 18, 24, 46, 50, 60, 62, 86, 90	3, 5, 9, 15, 31, 7, 61

Challenge

All are odd numbers.

If you double these numbers they give even number answers and can go into the multiples of 2 column. This is always true. Some when doubled give answers that are multiples of 10 and can go into that column. This is not always true.

Day 2 Counting in 10s Sheet 1a

Pen = 30p Pencil = 20p Rubber = 50p Ruler = 70p Glue stick = 90p

Day 2 Counting in 2s Sheet 1b

Sweet = 12p Lollipop = 24p Bubble gum = 18p Chocolate frog = 14p Banana = 22p

Multiplication and Division

Answers

Day 2 Counting in 10s and 2s Sheet 2

Pen = 30p

3 lots of 10p
 $3 \times 10p = 30p$

Pencil = 20p

2 lots of 10p
 $2 \times 10p = 20p$

Rubber = 50p

5 lots of 10p
 $5 \times 10p = 50p$

Ruler = 70p

7 lots of 10p
 $7 \times 10p = 70p$

Glue stick = 90p

9 lots of 10p
 $9 \times 10p = 90p$

Sweet = 12p

6 lots of 2p
 $6 \times 2p = 12p$

Lollipop = 24p

12 lots of 2p
 $12 \times 2p = 24p$

Bubble gum = 18p

9 lots of 2p
 $9 \times 2p = 18p$

Chocolate frog = 14p

7 lots of 2p
 $7 \times 2p = 14p$

Banana = 22p

11 lots of 2p
 $11 \times 2p = 22p$

Challenge

Write the missing numbers in these diagrams.

