Yr 2 Number, fractions, money Unit 1 (2711)

Additional teacher instructions for practice sheets

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

Day 1 Multiples of 2, 5 and 10 Sheet 1
Working towards ARE
Children can use a number line or grid to check.

Day 1 Multiples of 2, 3, 5 and 10 Sheet 2
Working at ARE / Greater Depth
Working at ARE can use a number line or grid to check.
Greater Depth attempt Challenge.

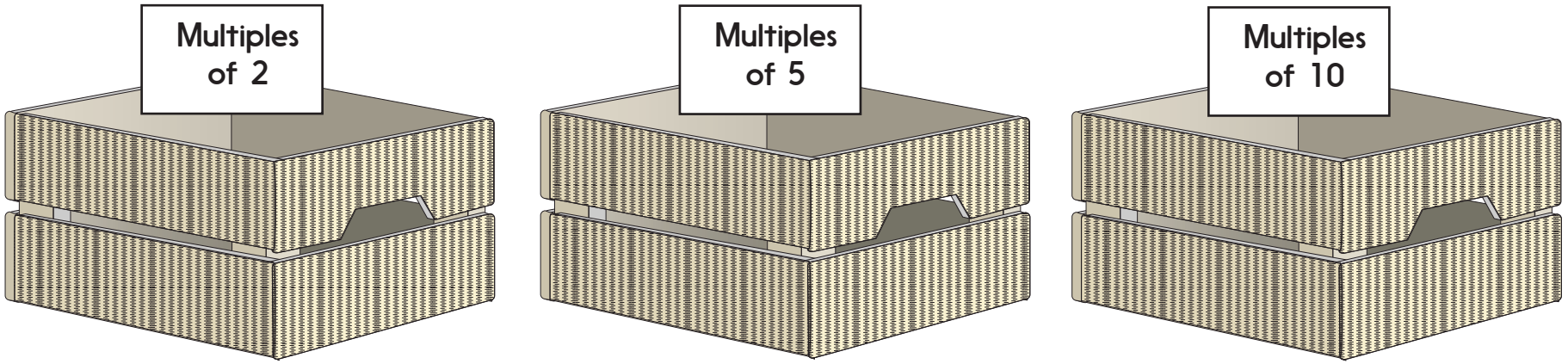
Day 2 Counting in 3s Sheet 1
Working towards ARE / Working at ARE / Greater Depth
Working towards ARE complete the first 4 questions and use a number line or grid to support.
Working at ARE can use a number line or grid to check.
Greater Depth attempt Challenge.

Multiples of 2, 5 and 10

Sheet 1

Sort the following numbers into each box.
Watch out though as some numbers might go in more than one box!

20, 18, 10, 28, 6, 12, 30, 14, 36, 15, 25



Challenge

a) Find three numbers that will fit into at least two of the boxes.
b) What is special about numbers that go in <u>all</u> of the boxes? Suggest two more...

Multiples of 2, 3, 5 and 10

Sheet 2

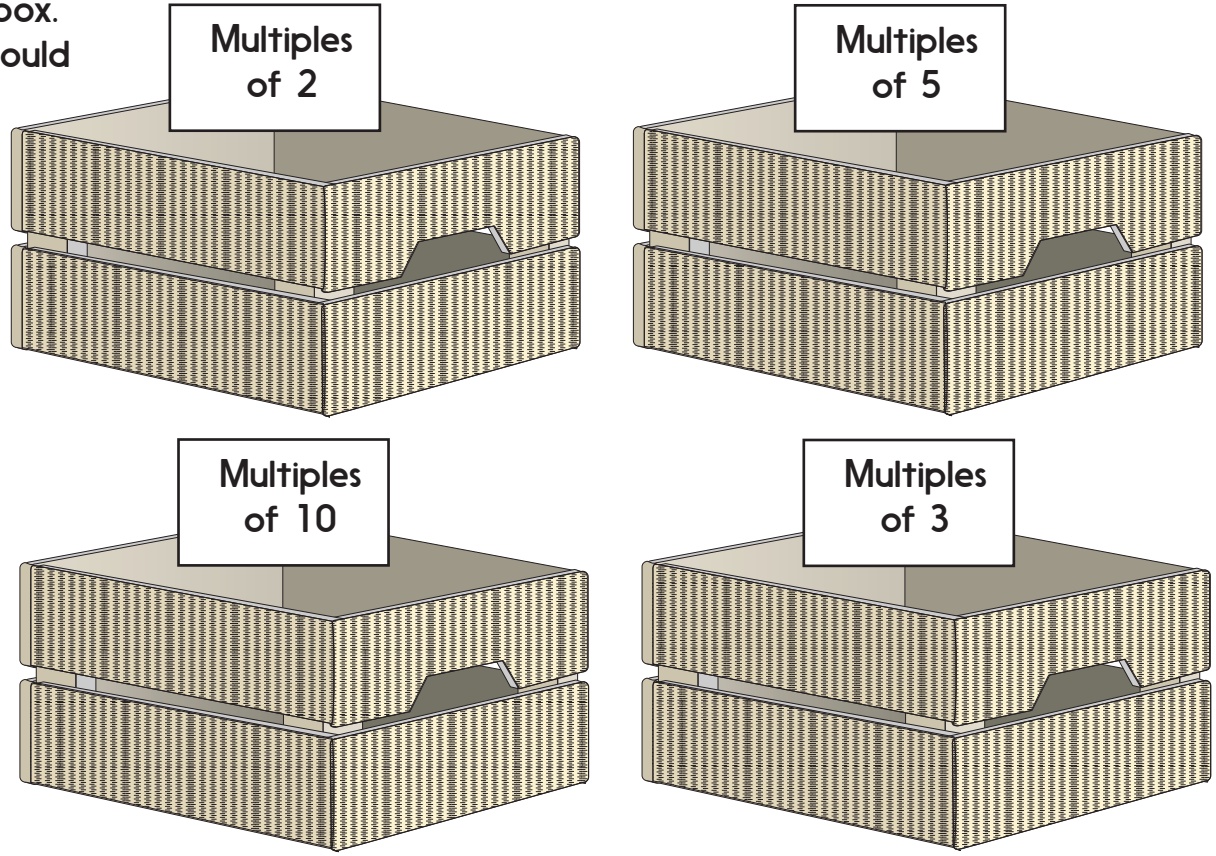
Sort the following numbers into each box.
Watch out though as some numbers could go in more than one box!

20, 28, 45, 18, 30, 36,

21, 40, 12, 44, 33, 15,

60, 38, 27, 39, 70, 46,

55, 50, 24, 64, 90, 42



Challenge

Find three numbers that will fit into at least three of the boxes.
Can you think of any numbers not on the list that would fit into four of the boxes?

Counting in 3s

Sheet 1

Fill in the missing numbers.
Each line is counting in 3s.

1.

12	15					30					

2.

3			12				24		30			

3.

27		21						

4.

				15				27					42		

5.

33			24								

Challenge

Can you work out which of the following are multiples of 3 (remember to add the digits up to find the answer)?
219, 264, 302, 372, 392, 431, 447, 528, 630

Number, fractions, money

Answers

Day 1 Multiples of 2, 5 and 10 Sheet 1

Multiples of 2 — 20, 18, 10, 28, 6, 12, 30, 14, 36
Multiples of 5 — 20, 10, 30, 15, 25
Multiples of 10 — 10, 20, 30

Challenge

a) Any three that are common multiples of 2 and 5 (10, 20, 30), or 5 and 10 (10, 20, 30).
b) Numbers that could go in all of the boxes are multiples of 10, e.g. 40, 50, 100

Day 1 Multiples of 2, 3, 5 and 10 Sheet 2

Multiples of 2 — 20, 28,18, 30, 36, 40, 12, 44, 60, 38, 70, 46, 50, 24, 64, 90, 42
Multiples of 5 — 20, 45, 30, 40, 15, 60, 70, 55, 50, 90
Multiples of 10 — 20, 30, 40, 60, 70, 50, 90
Multiples of 3 — 45, 18, 30, 36, 21, 12, 33, 15, 60, 27, 39, 24, 90, 42

Challenge

Three numbers that will fit into at least three of the boxes:
e.g. 10, 80, 100 (all multiples of 2, 5 and 10) or 30, 60, 90 (all multiples of 2, 3, 5 & 10
Any numbers that will fit into all four of the boxes:
e.g. 120, 150

Day 2 Counting in 3s Sheet 1

1. 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45
2. 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39
3. 27, 24, 21, 18, 15, 12, 9, 6, 3
4. 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48
5. 33, 30, 27, 24, 21, 18, 15, 12, 9, 6, 3

Challenge

Multiples of 3:
219, 264, 372, 447, 528, 630
302, 392, 431 are not multiples of 3.