Homework/Extension
Step 10: Count in 50s

National Curriculum Objectives:

Mathematics Year 3: (3N1b) Count from 0 in multiples of 4, 8, 50 and 100

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Match statements to numbers counting forwards in multiples of 50 up to 1,000. Numerals only with pictorial support.
Expected Match statements to numbers counting forwards and backwards in multiples of 50 up to 1,000. Numerals only.
Greater Depth Match statements to numbers counting forwards and backwards in multiples of 50 up to 1,000. Numerals, words and some use of fractions and money.

Questions 2, 5 and 8 (Varied Fluency)
Developing Identify missing numbers on a number line counting forwards in multiples of 50 up to 1,000. Numerals only with pictorial support.
Expected Identify missing numbers on a number line counting forwards and backwards in multiples of 50 up to 1,000. Numerals only.
Greater Depth Identify missing numbers on a number line counting forwards and backwards in multiples of 50 up to 1,000. Numerals, words and some use of fractions.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Solve calculations and order numbers by counting forwards in multiples of 50 up to 1,000. Numerals only with pictorial support.
Expected Solve calculations and order numbers by counting forwards and backwards in multiples of 50 up to 1,000. Numerals only.
Greater Depth Solve calculations and order numbers by counting forwards and backwards in multiples of 50 up to 1,000, Numerals, words and some use of fractions and money.

More Year 3 Place Value resources.

Did you like this resource? Don't forget to review it on our website.

Count in 50s

1. Match each child to the correct number.

5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100

Finn

I can reach my number by counting 5 jumps forwards in 50s from 150.

I can reach my number by counting 6 jumps forwards in 50s from 450.

Carlie

Melissa

My number is 3 jumps of 50 add 3 jumps of 50.

My number is the same as 7 jumps of 50.

Alan

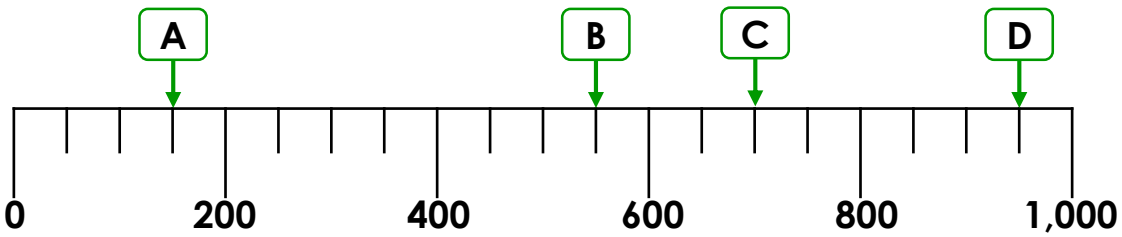
350	750	400	300

D

VF
HW/Ext

2. Identify the missing numbers marked on the number line.

5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100



D

VF
HW/Ext

3. Solve the calculations in each box and then order the boxes in ascending order.

5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100

smallest → ☐ → ☐ → C → ☐ → largest

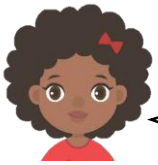
A	B	C	D
4 jumps of 50 counting forwards from 50	2 jumps of 50 counting forwards from 850	3 jumps of 50 counting forwards from 500	6 jumps of 50 counting forwards from 450

D

RPS
HW/Ext

Count in 50s

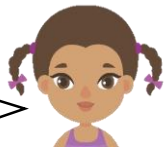
4. Match each child to the correct number.



Anna

I can reach my number by counting 5 jumps forwards in 50s from 350.

I can reach my number by counting 6 jumps backwards in 50s from 650.



Kyla

Thomas

My number is a multiple of 50 between 400 and 700.

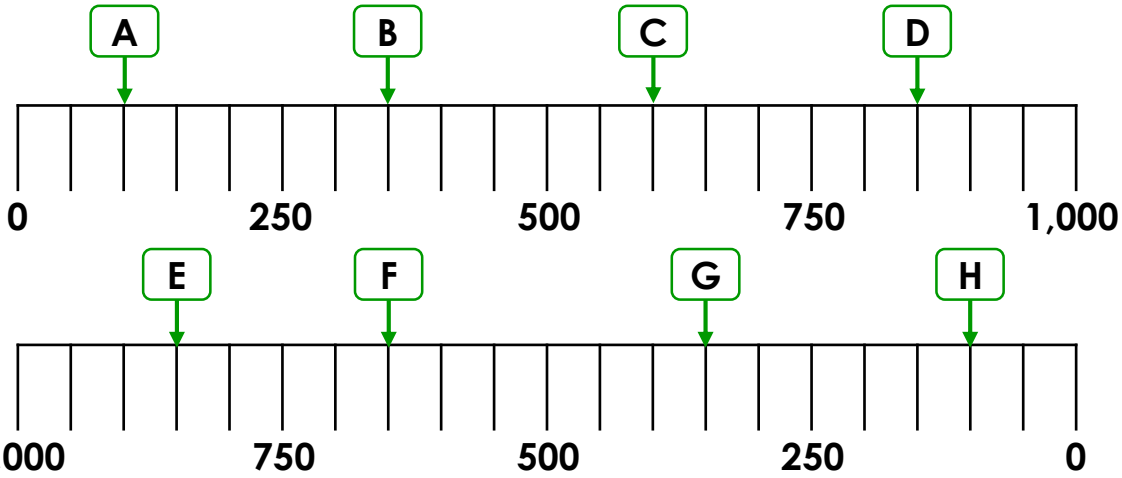
If I count 4 jumps backwards in 50s from my number, I will land on a 2-digit number.

Ewan

350	650	600	250

VF
HW/Ext

5. Identify the missing numbers marked on each number line.



VF
HW/Ext

6. Solve the calculations in each box and then order the boxes in descending order.

largest → ☐ → ☐ → D → ☐ → ☐ → smallest

A	B	C	D	E
2 jumps of 50 counting back from 350	4 jumps of 50 counting forwards from 150	6 jumps of 50 counting forwards from 200	1 jump of 50 counting backwards from 450	7 jumps of 50 counting forwards from 100

RPS
HW/Ext

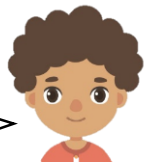
Count in 50s

7. Match each child to the correct number.

Jez

I can reach my number by counting six jumps forwards in 50s from $\frac{1}{2}$ of 1,000.

I can reach my number by counting seven jumps backwards in 50s from eight hundred and fifty.



Colin

Selina

I can reach my number by counting three jumps backwards in 50s from $\frac{1}{4}$ of 800.

I can reach my number by counting forwards in jumps of £50 eight times from £350.

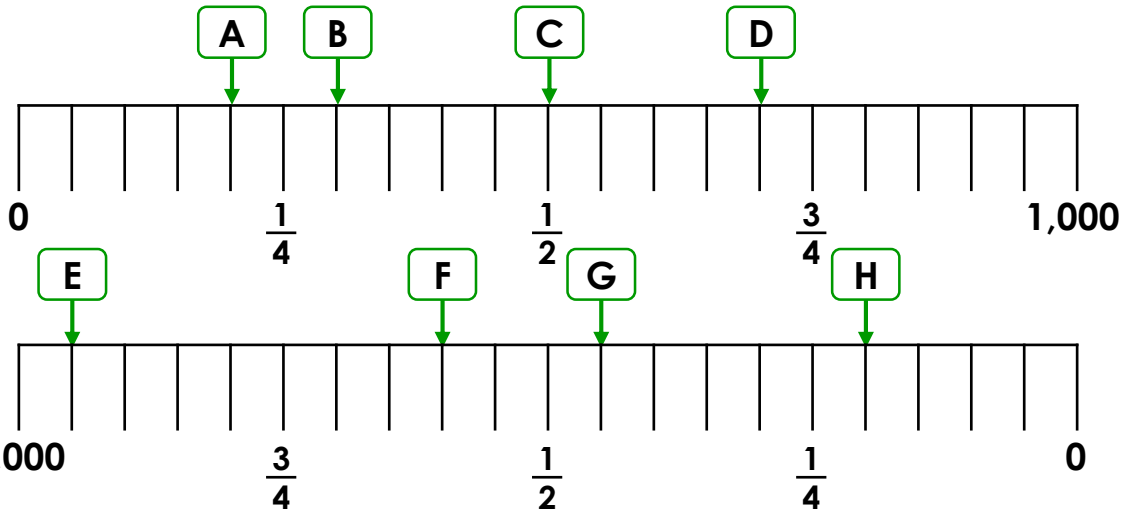
Nicola

500	750	50	800

GD

VF
HW/Ext

8. Identify the missing numbers marked on each number line.



GD

VF
HW/Ext

9. Solve the calculations in each box and then order the boxes in descending order.

largest → ☐ → ☐ → E → ☐ → ☐ → smallest

A	B	C	D	E
four jumps of fifty pence counting back from £5 and 50p	six jumps of fifty counting forwards from $\frac{1}{2}$ of 200	three jumps of fifty counting forwards from six hundred and fifty	one jump of fifty pounds counting backwards from £750	eight jumps of fifty counting forwards from $\frac{1}{4}$ of 600

GD

RPS
HW/Ext

Homework/Extension
Count in 50s

Developing

1. Finn = 400; Melissa = 300; Carlie = 750 Alan = 350
2. A – 150; B – 550; C – 700; D – 950
3. A = 250; B = 950, C = 650, D = 750. Ordered in ascending order: A, C, D, B

Expected

4. Anna = 600; Thomas = 650 ; Kyla = 350; Ewan = 250
5. A – 100; B – 350; C – 600; D – 850; E – 850; F – 650; G – 350; H – 100
6. A = 250; B = 350, C = 500, D = 400; E = 450. Ordered in descending order: C, E, D, B, A

Greater Depth

7. Jez = 800; Colin = 500 ; Selina = 50; Nicola = (£)750
8. A – 200; B – 300; C – 500; D – 700; E – 950; F – 600; G – 450; H – 200
9. A = £3 and 50p; B = 400, C = 800, D = £700; E = 550. Ordered in descending order: C, D, E, B, A