Homework/Extension
Step 12: Count in 25s

National Curriculum Objectives:

Mathematics Year 4: (4N1) Count in multiples of 6, 7, 9, 25 and 1000

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Identify numbers in a sequence when counting forwards from a multiple of 25. 2 or 3-digit numbers represented in numerals.
Expected Identify numbers in a sequence when counting forwards or backwards from a non-multiple of 25. 2 or 3-digit numbers represented in numerals, words and place value counters.
Greater Depth Identify numbers in a sequence when counting forwards or backwards from a non-multiple of 25. 3 or 4-digit numbers represented in numerals, words, place value counters and Roman numerals.

Questions 2, 5 and 8 (Varied Fluency)
Developing Identify the missing numbers from a given starting point when counting in 25s. Counting backwards from a 3-digit multiple of 25. Numbers represented in words.
Expected Identify the missing numbers from a given starting point when counting in 25s. Counting forwards or backwards from a 4-digit multiple of 25. Numbers represented in words.
Greater Depth Identify the missing numbers from a given starting point when counting in 25s. Counting forwards or backwards from a 4-digit non-multiple of 25. Mixed number representations.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Explain whether a statement involving counting in 25s is correct. 2 or 3-digit multiples of 25 and numbers written in numerals.
Expected Explain whether a statement involving counting in 25s is correct. 3 or 4-digit multiples of 25 and numbers written in numerals and place value counters.
Greater Depth Explain whether a statement involving counting in 25s is correct. 3 or 4-digit non-multiples of 25 and numbers represented as money.

More Year 4 Place Value resources.

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

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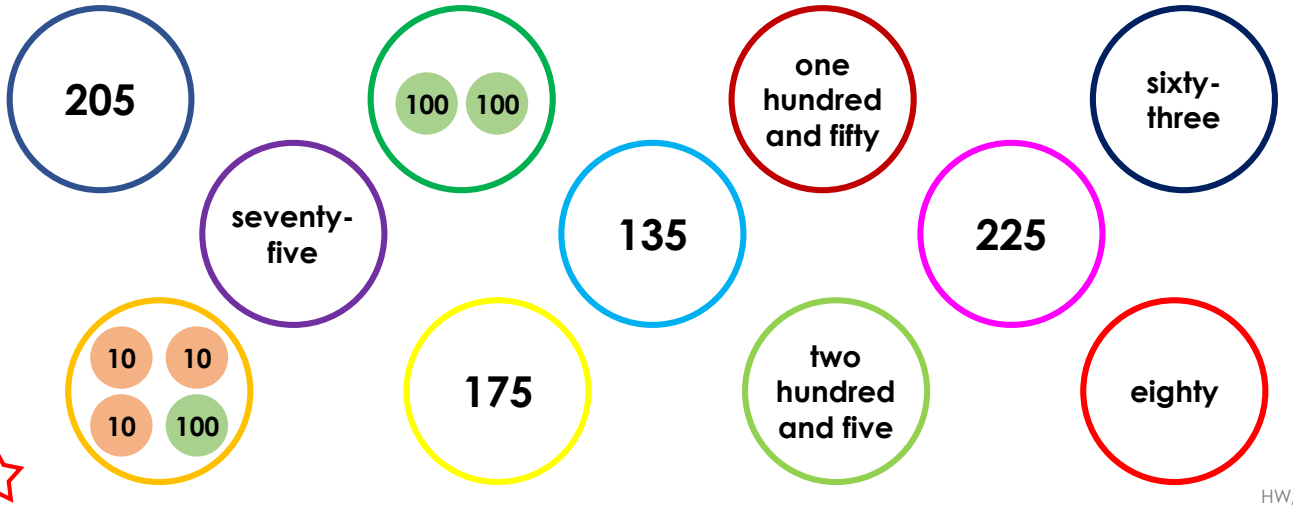
Count in 25s

1. Harvey is counting in 25s from 150. If he counts forwards three numbers, circle the numbers that he will say.



D

VF
HW/Ext

2. Luca has created a track of number cards by counting forwards in 25s.

This is the number he ended on.

				Five hundred and twenty-five

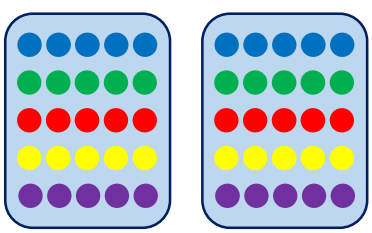
Complete the numbers cards to show what numbers went before.

D

VF
HW/Ext

3. Sarah buys stickers in sheets of 25.

She buys two sheets of stickers.



I need to buy 3 more sheets of stickers and I will have 100.

Is Sarah correct? Explain why.

D

RPS
HW/Ext

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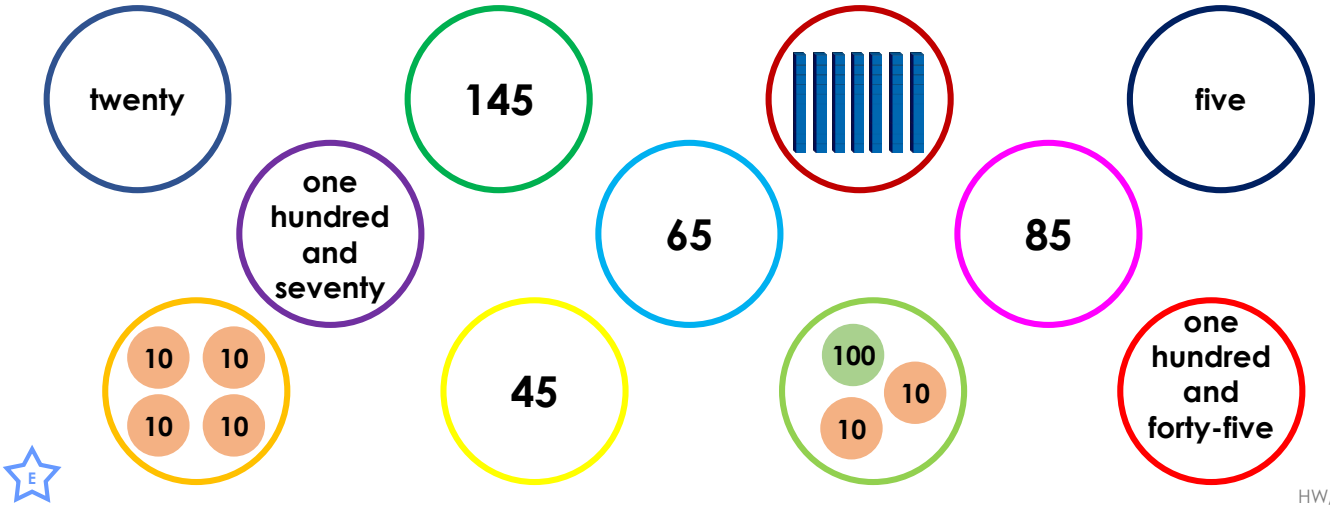
Count in 25s

4. Tara is counting in 25s from 95. If she counts forwards and backwards three numbers, circle the numbers that she will say.



E

VF
HW/Ext

5. Darcy has created a track of number cards by counting in 25s.

This is the number she ended on.

				Three thousand, four hundred and seventy-five

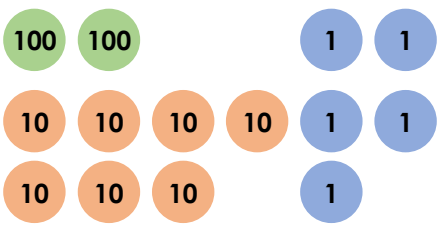
Complete the numbers cards to show what numbers could have gone before.

E

VF
HW/Ext

6. Isaac has a reward system where he gets 25 marbles a week which he can use towards a treat of his choice.

This is how many marbles he has so far:



It will take me four more weeks to get to 350.

Is Isaac correct? Explain why.

E

RPS
HW/Ext

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Count in 25s

7. Atifa is counting in 25s from 946. If she counts forwards and backwards from this number, circle any of the numbers that she will say.

six hundred + 21

900 + XX

nine hundred and 95

LXX

800 and seventy and 1

XLVI

896

1,000 10 10 1

900 and seventy -one

1,000 + 946

10 10 1

GD

VF
HW/Ext

8. Grace has created a track of number cards by counting in 25s.

This is the number she ended on.

				1,000 1,000 200, XXVI

Complete the numbers cards to show what numbers could have gone before.

GD

VF
HW/Ext

9. Every week, Jack puts 25p in to his money box to see how much he can save.

He already had this in his money box:

In twelve weeks I will have £6 and 50p.

Is Jack correct? Explain why.

GD

RPS
HW/Ext

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Homework/Extension
Count in 25s

Developing

1. Numbers circled: 175; 200; 225
2. 425; 450; 475; 500
3. Sarah is incorrect. 3 more sheets of stickers would take her to 125 so she only needs 2 more sheets.

Expected

4. Numbers circled: 20; 45; 70; 120; 145; 170
5. 3,375; 3,400; 3,425; 3,450 and/or 3,500; 3,525; 3,550; 3,575
6. Isaac is incorrect. He had 275 marbles to start so he would only need 75 (3 x 25) to reach 350. In four weeks he would have 375.

Greater Depth

7. Numbers circled: 21; 46; 621; 871; 896; 971; 1021; 1946 (Pupils should recognise that any number ending in 21, 46, 71, 96 will be included in the sequence.)
8. 2,126; 2,151; 2,176; 2,201 and/or 2,251; 2,276; 2,301; 2,326
9. Jack is incorrect. He has £3 and 35p already and 12 x 25p would be £3, so he would have £6 and 35p. He could not get £6 and 50p by saving 25p from his starting amount.

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