YR4 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS

Pupils able to answer these standalone tasks independently demonstrate mastery in fluency.

Value of Digits A1

What is the value of the underlined digits in words?

4,492 4,**7**06

Value of Digits A2

What is the value of the underlined digits in words?

1,**4**75 **6**,046

Compare Numbers A1

4,729 ____ 4,792

Compare Numbers A2

Which symbol is needed to compare the numbers?

1,227 ___ 1,027

Order Numbers A1

Order the numbers, starting with the smallest.

5,214 1,738 2,037

Order Numbers A2

Order the numbers, starting with the largest.

3,176 2,975 4,663

YR4 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS

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Find 1,000 More A1

1,000 more than 4,609 is _____

Find 1,000 More A2

2,598 is 1,000 more than _____

Find 1,000 Less A1

5,314 is 1,000 less than _____

Find 1,000 Less A2

1,000 less than 7,135 is _____

Negative Numbers (Counting) A1

Complete the sequence of negative numbers.

5, 3, 1, -1, ___, ___

Negative Numbers (Counting) A2

Which number will appear in the sequence? -2, -5 or -7?

-10, -8, -6, ___, ___

YR4 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS

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Rounding Numbers (Nearest 10) A1

Round the number to the nearest **10**.

2,578

Rounding Numbers (Nearest 10) A2

Round the number to the nearest **10**.

6,581

Rounding Numbers (Nearest 100 / 1,000) A1

Round the number to the nearest **100** and **1,000**.

4,127

Rounding Numbers (Nearest 100 / 1,000) A2

Round the number to the nearest **100** and **1,000**.

7,563

Partitioning Numbers A1

4,897 = 4,000 + ____ + ____ + ____

Partitioning Numbers A2

8,000 + 500 + 60 + 8 = ____

YR4 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS

Pupils able to answer these standalone tasks independently demonstrate mastery in fluency.

Count in Multiples of 6 A1

Which number will appear in the sequence: 18, 20 or 22?

-6, 0, 6, 12, ___, 24

Count in Multiples of 6 A2

Continue the sequence:

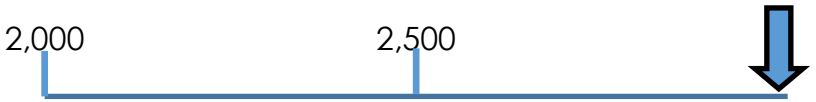
18, 24, ___, 36, ___, 48

Estimating Numbers A1

Estimate the value of the arrow:

Estimating Numbers A2

Estimate the value of the arrow:



Roman Numerals A1

What is the value of the number?

XXI

Roman Numerals A2

Calculate

X + L =

YR4 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS

Pupils able to answer these standalone tasks independently demonstrate mastery in fluency.

Count in Multiples of 7 A1

Which number is not a multiple of 7?

49, 77, 52

Count in Multiples of 7 A2

Continue the sequence:

49, 42, 35, ___, ___

Representing Numbers A1

Represent the number 4,372 in a bar model.

Representing Numbers A2

Represent the number 3,241 using PV counters.

Count in Multiples of 9 A1

Which numbers are multiples of 9?

18, 32, 36, 45, 47

Count in Multiples of 9 A2

Continue the sequence:

18, 27, 36, ___, ___

YR4 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS

Pupils able to answer these standalone tasks independently demonstrate mastery in fluency.

Count in Multiples of 25 A1

Which number is a multiple of 25?

50, 35, 85

Count in Multiples of 25 A2

Continue the sequence:

75, 100, 125, ___, ___

Count in Multiples of 1,000 A1

Complete the sequence:

9,000, 8,000, ____, ____, 5,000

Count in Multiples of 1,000 A2

Complete the sequence:

_____, _____, 5,000, 6,000, 7,000

Number Problems (Compare Numbers) A1

Alfie and Jane where comparing savings. Alfie had £5,498 and Jane had £5,099. Use the correct symbols to show who had the most money saved.

Number Problems (Compare Numbers) A2

Caleb and Marlon were in a race. Caleb ran 2,453m in two minutes and Marlon ran 2,576m. Use the correct symbols to show who ran the furthest.

YR4 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS

Pupils able to answer these standalone tasks independently demonstrate mastery in fluency.

Number Problems (Order Numbers) A1

Ranjit was completing his family tree and wrote the years his family were born. Order the years from the oldest to the youngest: 2011, 2001, 2003, 1977, 1978

Number Problems (Order Numbers) A2

Jerry was saving to buy computer games. He bought the cheapest one first and the most expensive one last. What order did he pay? £49, £17, £37, £18

Number Problems (Find 1,000 More) A1

Marlon and his family were visiting London. They had saved £500 but needed a further £1,000 so they could visit all the sights. How much did they need for the trip in total?

Number Problems (Find 1,000 More) A2

Asha had a large family wedding coming up and she was making decorations. She had made 245 so far but needed to make 1,000 more. How many did Asha need altogether?

Number Problems (Count in Multiples of 6) A1

Millie was collecting egg cartons for Easter. She could make 6 Easter rabbits from one box but needed to make 30. How many egg boxes did she need in total?

Number Problems (Count in Multiples of 6) A2

Anita was counting the number spiders she spotted in the school playground. She counted 6 spiders in 5 minutes. How many legs did the spiders have altogether?

YR4 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS

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Number Problems (Count in Multiples of 7) A1

Darcey needed to buy 7 cupcakes for her friends when they visited her house. Each cupcake was £2. How much did Darcey spend on cupcakes?

Number Problems (Count in Multiples of 7) A2

Asha was collecting models from a science magazine. It would take her 7 weeks to collect the them all. If each magazine was £4, how much would it cost Asha?

Number Problems (Count in Multiples of 9) A1

Millie and Alfie were playing crazy golf. They had 9 holes to play and each hole took them 5 minutes. How long did it take them to play the game?

Number Problems (Count in Multiples of 9) A2

Jerry and Ranjit played cricket every Sunday. They each scored 9 runs before it began to rain and 9 more runs each after the rain stopped. How many runs did they make?

Number Problems (Count in Multiples of 25) A1

Anita and Jane were selling raffle tickets for the Summer Fair at school. They raised £25 each on the first day and £25 together on the second day. How much did they raise?

Number Problems (Count in Multiples of 25) A2

Marlon was collecting dinosaur cards. He saw special tins in the supermarket for £6 each. He spent £24. There were 25 cards in each tin. How many cards did Marlon buy?

YR4 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS

Pupils able to answer these standalone tasks independently demonstrate mastery in fluency.

Number Problems (Find 1,000 Less) A1

Marlon had saved his birthday money in his savings account for 5 years. He had £3,420 saved and spent £1,000 on a new laptop. How much did Marlon have left?

Number Problems (Find 1,000 Less) A2

Jerry went shopping for some boots and trainers and spent £500. He spent £500 on computer games, too.
How much did he have left from £1,235?

Number Problems (Negative Numbers) A1

Alfie got up in the morning and looked out of the window. The ground was covered in snow. His room was 5°C but outside it was -3°C. What is the difference in temperature?

Number Problems (Negative Numbers) A2

Jane had £50 in her bank account. She lent Caleb £60 to buy some new clothes.
How much did Jane have left in her account?

Number Problems (Count in Multiples of 1,000) A1

Millie and Ranjit were collecting 1,000s PV counters in class. Mille said she had more than Ranjit as she had 4 counters and he had 3. What was the total value of their counters?

Number Problems (Count in Multiples of 1,000) A2

Caleb and Asha were in a swimming competition. They had to swim as far as they could in 60 minutes. Caleb swam 5,000m and Asha 4,000m. How far did they swim together?

YR4 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS ANSWERS

Pupils able to answer these standalone tasks independently demonstrate mastery in fluency.

Value of Digits A1

4,000 7,00

Value of Digits A2

400 6,000

Compare Numbers A1

4,729 < 4,792

Compare Numbers A2

1,227 > 1,027

Order Numbers A1

1,738 2,037 5,214

Order Numbers A2

2,975 3,176 4,663

YR4 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS ANSWERS

Pupils able to answer these standalone tasks independently demonstrate mastery in fluency.

Find 1,000 More A1

1000 more than 4609 is **5609**

Find 1,000 More A2

2598 is 1000 more than **1598**

Find 1,000 Less A1

5314 is 1000 less than **6314**

Find 1,000 Less A2

1000 less than 7135 is **6135**

Negative Numbers (Counting) A1

5, 3, 1, -1, **-3, -5**

Negative Numbers (Counting) A2

-10, -8, -6, -4, **-2**

YR4 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS ANSWERS

Pupils able to answer these standalone tasks independently demonstrate mastery in fluency.

Rounding Numbers (Nearest 10) A1

2,5**80**

Rounding Numbers (Nearest 10) A2

6,5**80**

Rounding Numbers (Nearest 100 / 1,000) A1

4,127 to the nearest 100 = **4,100**

4,127 to the nearest 1,000 = **4,000**

Rounding Numbers (Nearest 100 / 1,000) A2

7563 to the nearest 100 = **7,560**

7563 to the nearest 1,000 = **8,000**

Partitioning Numbers A1

4,897 = 4,000 + **800** + **90** + **7**

Partitioning Numbers A2

8,000 + 500 + 60 + 8 = **8,568**

YR4 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS ANSWERS

Pupils able to answer these standalone tasks independently demonstrate mastery in fluency.

Count in Multiples of 6 A1

-6, 0, 6, 12, **18,** 24

Count in Multiples of 6 A2

18, 24, **30** 36, **42** 48

Estimating Numbers A1

Greater than 1,600 but less than 1,700

Estimating Numbers A2

Approximately 3,000

Roman Numerals A1

21

Roman Numerals A2

X + L = LX = 60

YR4 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS ANSWERS

Pupils able to answer these standalone tasks independently demonstrate mastery in fluency.

Count in Multiples of 7 A1

49, 77, **52**

Count in Multiples of 7 A2

49, 42, 35, **28**, **21**

Representing Numbers A1

4372			
4,000	300	70	2

Representing Numbers A2

Count in Multiples of 9 A1

18, 32, **36**, **45**, 47

Count in Multiples of 9 A2

18, 27, 36, **45**, **54**

YR4 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS ANSWERS

Pupils able to answer these standalone tasks independently demonstrate mastery in fluency.

Count in Multiples of 25 A1

50, 35, 85

Count in Multiples of 25 A2

75, 100, 125, **150, 175**

Count in Multiples of 1,000 A1

9,000, 8,000, **7,000, 6,000,** 5,000

Count in Multiples of 1,000 A2

3,000, 4,000, 5,000, 6,000, 7,000

Number Problems (Compare Numbers) A1

£5,498 **>** £5,099

Number Problems (Compare Numbers) A2

2,453m **<** 2,576m

YR4 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS ANSWERS

Pupils able to answer these standalone tasks independently demonstrate mastery in fluency.

Number Problems (Order Numbers) A1

1977, 1978, 2001, 2003, 2011

Number Problems (Order Numbers) A2

£17, £18, £37, £49

Number Problems (Find 1,000 More) A1

£500 + £1,000 = £1,500

Number Problems (Find 1,000 More) A2

245 + 1,000 = 1,245

Number Problems (Count in Multiples of 6) A1

6 x 5 = 30

Millie needed 5 egg boxes.

Number Problems (Count in Multiples of 6) A2

6 spiders each have 6 legs each.

6x6=36 legs

YR4 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS ANSWERS

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Number Problems (Count in Multiples of 7) A1

7 x £2 = £14

Number Problems (Count in Multiples of 7) A2

7 x £4 = £28

Number Problems (Count in Multiples of 9) A1

9 x 5 = 45

Number Problems (Count in Multiples of 9) A2

9 x 4 = 36 runs

Number Problems (Count in Multiples of 25) A1

£25 x 3 = £75

Number Problems (Count in Multiples of 6) A2

4 x £6 = £24 so 100 cards.

YR4 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS ANSWERS

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Number Problems (Find 1,000 Less) A1

£3,420 - £1,000 = £2,420

Number Problems (Find 1,000 Less) A2

£1,235 - £1,000 = £235

Number Problems (Negative Numbers) A1

8°C

Number Problems (Negative Numbers) A2

£50 - £60 = -£10

Number Problems (Count in Multiples of 1,000) A1

Millie had 4,000 and Ranjit had 3,000.

They had 7,000 altogether.

Number Problems (Count in Multiples of 1,000) A2

5,000m + 4,000m = 9,000