



YR6 PROGRESSION IN MASTERY - PLACE VALUE ASSESSMENT STRIPS

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

Read Numbers A1

This number is 4,076,218.

Read Numbers A2

This number is 7,490,508.

Write Numbers (Words) A1

Write the number 3,308,445 in words.

Write Numbers (Words) A2

Write the number 5,598,032 in words.

Write Numbers (Figures) A1

Write the number *eight million, three hundred and eleven thousand and nine* in figures.

Write Numbers (Figures) A2

Write the number *nine million, twenty-four thousand, eight hundred and nineteen* in figures.





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Value of Digits A1

What is the value of the underlined digits in words?

3,784,487 6,269,081

Value of Digits A2

Circle the digit values of **80,000** and **800**.

1,888,988 8,833,808

Compare Numbers A1

Which symbol is needed to compare the numbers?

5,589,900 5,598,900

Compare Numbers A2

Add a digit where missing to make the comparison correct.

3,250,221 > 3, 05,221

Order Numbers A1

Order the numbers, starting with the smallest.

7,389,020 7,738,902 738,902

Order Numbers A2

Order the numbers, starting with the largest.

9,009,115 9,090,511 909,115





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Rounding Numbers A1

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

2,079,787

Rounding Numbers A2

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

9,243,166

Negative Numbers Sequence A1

Complete the sequence of negative numbers.

4, 1, __, __, __

Negative Numbers Sequence A2

Which number will appear in this sequence? -16, -23 or -25?

15, 7, -1...

Negative Numbers Calculation A1

It is 9 degrees in Paris. In Copenhagen, it is 13 degrees colder. What is the temperature in Copenhagen?

Negative Numbers Calculation A2

Marlon has a bank balance of £15. Anita has a bank balance of -£12. What is the difference in their balances?





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Number Problems (Digit Values) A1

Millie writes the number 9,705,507. Jane's number is 3 millions and 2 thousands less. What is Jane's number?

Number Problems (Digit Values) A2

Jerry has four millions, 27 thousands and 65 ones. What is his number?

Number Problems (Rounding) A1

Bananas are supplied in 10,000s. A chained supermarket needs 254,509. How many bananas will they receive?

Number Problems (Rounding) A2

A number rounds to 2,500,000 to the nearest 100,000 and 10,000. What could the number be?

Number Problems (Negative Numbers) A1

Ranjit is in a submarine 90m below sea level. Caleb is paragliding 60m above sea level. Asha is halfway between Caleb's and Asha's levels scuba diving. How deep is she?

Number Problems (Negative Numbers) A2

Anita has a bank balance of -£23. Each day she receives £4 pocket money for doing her chores. How many days is it until her bank balance turns positive again?





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Read Numbers A1

"four million, seventy-six thousand, two hundred and eighteen"

Read Numbers A2

"seven million, four hundred and ninety thousand, five hundred and eight"

Write Numbers (Words) A1

three million, three hundred and eight thousand, four hundred and forty-five

Write Numbers (Words) A2

five million, five hundred and ninety-eight thousand and thirty-two

Write Numbers (Figures) A1

8,311,009

Write Numbers (Figures) A2

9,024,819





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Value of Digits A1

seven hundred thousand nine thousand

Value of Digits A2

1,888,988 8,833,808

Compare Numbers A1

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Compare Numbers A2

Missing digit has to be a '1' or a '0'.

Order Numbers A1

738,902 7,389,020 7,738,902

Order Numbers A2

9,090,511 9,009,115 909,115





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Rounding Numbers A1

2,000,000 2,080,000

Rounding Numbers A2

9,200,000 9,243,200

Negative Numbers Sequence A1

-2, -5, -8

Negative Numbers Sequence A2

-25

Negative Numbers Calculation A1

-4 degrees

Negative Numbers Calculation A2

£27





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Number Problems (Digit Values) A1

6,703,507

Number Problems (Digit Values) A2

4,027,065

Number Problems (Rounding) A1

260,000 bananas

Number Problems (Rounding) A2

There are multiple possibilities - any number that rounds to 2,500,000 to the nearest 100,000 and 10,000. E.g. 2,495,510

Number Problems (Negative Numbers) A1

-15m

Number Problems (Negative Numbers) A2

6 days

