**Standard Form GREEN**

|  |
| --- |
| 1) Is each number below written in standard form? (YES or NO) |
|   |   |   |   |
|  |  |  |  |
|   |   |   |   |
|  |  |  |  |

|  |
| --- |
| 2) Write as a normal number: |
|   |   |   |   |
|  |  |  |  |

|  |
| --- |
| 3) Write in standard form: |
|   |   |   |   |
|  |  |  |  |

|  |
| --- |
| 4) Write as a normal number: |
|   |   |   |   |
|  |  |  |  |

|  |
| --- |
| 5) Write in standard form: |
|   |   |   |   |
|  |  |  |  |

|  |
| --- |
| 6) Write as a normal number: |
|   |   |   |   |
|  |  |  |  |

|  |
| --- |
| 7) Write in standard form: |
|   |   |   |   |
|  |  |  |  |

|  |
| --- |
| 8) Calculate the following, giving your answers in standard form: |
|   |   |
|  |  |
|   |   |
|  |  |

**Standard Form AMBER**

Numbers must be:

multiplied by a power of 10 (can include 101).

|  |
| --- |
| 1) Is each number below written in standard form? (YES or NO) |
|   |   |   |   |
|  |  |  |  |
|   |   |   |   |
|  |  |  |  |

Positive indices so numbers will be .

|  |
| --- |
| 2) Write as a normal number: |
|   |   |   |   |
|  |  |  |  |

|  |
| --- |
| 3) Write in standard form: |
|   |   |   |   |
|  |  |  |  |

Negative indices so numbers will be .

|  |
| --- |
| 4) Write as a normal number: |
|   |   |   |   |
|  |  |  |  |

|  |
| --- |
| 5) Write in standard form: |
|   |   |   |   |
|  |  |  |  |

|  |
| --- |
| 6) Write as a normal number: |
|   |   |   |   |
|  |  |  |  |

|  |
| --- |
| 7) Write in standard form: |
|   |   |   |   |
|  |  |  |  |

Rewrite the numbers so the powers of 10 are the same. Add or subtract as normal.

Multiply or divide the numbers, apply the laws of indices to the powers of 10.

|  |
| --- |
| 8) Calculate the following, giving your answers in standard form: |
|   |   |
|  |  |
|   |   |
|    |    |

**Standard Form RED**

Numbers must be:

multiplied by a power of 10 (can include 101).

|  |
| --- |
| 1) Is each number below written in standard form? (YES or NO) |
|   |   |   |   |
|  |  |  |  |
|   |   |   |   |
|  |  |  |  |

Positive indices so numbers will be .

|  |
| --- |
| 2) Write as a normal number: |
|   |   |   |   |
|    |   |  |  |

|  |
| --- |
| 3) Write in standard form: |
|   |   |   |   |
|    |   |  |  |

Negative indices so numbers will be .

|  |
| --- |
| 4) Write as a normal number: |
|   |   |   |   |
|    |   |  |  |

|  |
| --- |
| 5) Write in standard form: |
|   |   |   |   |
|    |   |  |  |

|  |
| --- |
| 6) Write as a normal number: |
|   |   |   |   |
|  |  |  |  |

|  |
| --- |
| 7) Write in standard form: |
|   |   |   |   |
|  |  |  |  |

Rewrite the numbers so the powers of 10 are the same. Add or subtract as normal.

Multiply or divide the numbers, apply the laws of indices to the powers of 10.

|  |
| --- |
| 8) Calculate the following, giving your answers in standard form: |
|   |   |
|    |    |
|   |   |
|    |    |