

Y11 Assessment

Standard Form and Indices



Name _____ Class _____

- 1 Circle the numbers that are written in standard form.
(There may be more than one correct answer)

8×10^6 81×10^{-3} $2.7 \times 10^{-5.2}$
 8.1×10^{-3} 5×10^{-3}

- 2 Convert each of the following numbers into standard form.

$81 \times 10^{-3} =$

$305 =$

$0.0083 =$

$\frac{3}{4} =$

- 3 Convert each of the following numbers into ordinary form.

$3.14 \times 10^{-3} =$

$7.018 \times 10^4 =$

- 4 Find the value of the following:

$8^2 =$

$5^3 =$

$4^{-3} =$

$16^{1/2} =$

- 5 Partition the following numbers

$813.906 =$

2 marks

4 marks

4 marks

2 marks

4 marks