

Task 1: Fill in the blanks.

10^4	
10^3	
10^2	
10^1	
10^0	
10^{-1}	
10^{-2}	
10^{-3}	
10^{-4}	

6×10^3	6×1000	6000
5×10^2		
	$4 \times 10\ 000$	
		30
2×10^5		
	9×0.01	
		0.008
7×10^{-1}		
	6.3×1000	

Task 2: Which of the following numbers are written in standard form.

A number is in standard form if it is written as...

3×10^4	$3 + 10^4$	3×4^{10}	310^4	4×10^3
5×10^7	52×10^7	5.2×10^7	5×10^{72}	$5 \times 10^{7.2}$
8.3×10^6	8.3×10^{-6}	0.83×10^6	8.3×6^{10}	8.3×10^{-83}
23×10^{-4}	0.04×10^3	3.89×10^{-2}	38.9×10^{-2}	3.89×100

Task 3: Explain why each of the following are not in standard form.

41.5×10^3	
$5 \times 10^{2.3}$	
8×6^4	

Task 4: Fill in the blanks.

200	2×100	2×10^2
2000		
20 000		
29 000		
29 400		
11 000		
10 100		
10 010		
10 000		

29 470	
294 700	
994 700	
1 994 700	
1947	
194.7	
19.47	
1.947	
0.1947	

Task 5: Fill in the blanks.

		3.2×10^3
		3.3×10^3
		3.37×10^3
		3.37×10^5
		3.378×10^5
		9×10^2
		9.4×10^3
		9.47×10^1

Task 6:

Omitted White Rose questions
on comparing numbers in
Standard Form

Task 7: Fill in the blanks.

0.002	2×0.001	2×10^{-3}
0.02		
0.2		
0.0023		
0.00239		
0.009		
0.029		
0.209		
0.001		

0.0081	
0.00081	
0.000081	
0.000801	
0.008001	
0.08001	
0.8001	
8.001	
800.1	

Task 8: Fill in the blanks.

		3.2×10^{-3}
		3.3×10^{-3}
		3.37×10^{-3}
		3.37×10^{-5}
		3.378×10^{-5}
		9×10^{-2}
		9.4×10^{-3}
		9.47×10^{-1}

Task 9:

Omitted White Rose questions
on comparing numbers in
Standard Form