Name :

Class :

FORM 3 MATHEMATICS KSSM
CH 2 : STANDARD FORM
SECTION B EXERCISE

1. Match the following numbers with the correct expression as a single number

a) $106.235 \div 10^{-2}$	
b) $1062350 \div 10^{5}$	
c) 106.235×10^{2}	
d) 106.235×10^{-2}	

10 623.5
10.6235
1.06235

2. Round off the following to correct 3 significant figures

a) 73 694	
b) 0.008516	
c) 46.02	
d) 21 955	

3. Select (True) for the correct answer and (False) for the incorrect answer in the following map

500.72×10^{-5}

Round off to 4 significant figures

5.007×10^{-3}

TRUE	FALSE

Express as a single number

0.0050072	TRUE
	FALSE
50072000	TRUE
	FALSE

Express in standard form

5.007×10^{-7}

TRUE	FALSE

LIVEWORKSHEETS

4. Match the following with correct standard form answer

a) 0.0057 nanometre in metre	5.7×10^{-12} metre
	0.0057×10^{-9} metre
	5.7×10^{-9} metre
b) 3050 terabytes in byte	3.05×10^{12} byte
	3050×10^{12} byte
	3.05×10^{15} byte
c) 1050 kilometre in milimetre (mm)	1.05×10^{3} mm
	1.05×10^{9} mm
	1.05×10^{6} mm

5. Fill in the blanks below

a)	b)
$2.5 \times 10^2 + 1.35 \times 10^4$	$7.5 \times 10^{-3} \times 5 \times 10^{-6}$
$= 2.5 \times 10$ ☐ $\times 10^4 + 1.35 \times 10^4$	$= (7.5 \times 5) \times 10^{-3+(}$ ☐
$=$ ☐ $\times 10^4 + 1.35 \times 10^4$	$=$ ☐ $\times 10^{-9}$
$= (0.025 + 1.35) \times 10^4$	$= 3.75 \times 10^1 \times 10^{-9}$
$=$ ☐ $\times 10^4$	$= 3.75 \times 10$ ☐

LIVEWORKSHEETS