

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

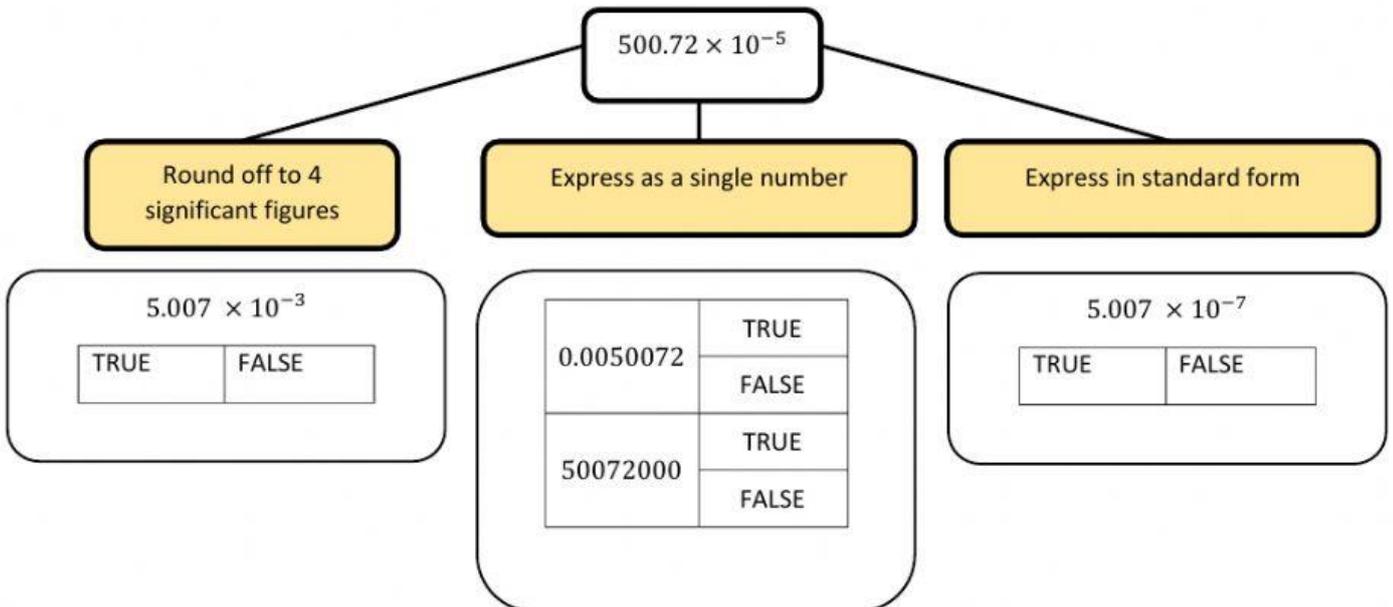
a) $106.235 \div 10^{-2}$
b) $1062350 \div 10^5$
c) $106.235 \times 10^2$
d) $106.235 \times 10^{-2}$

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



4. Match the following with correct standard form answer

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

5. Fill in the blanks below

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