

Name _____

Date _____



PROBLEM SOLVING - TRAVELLING SALAMANDERS (STANDARD UNITS)

Captain Salamander has just returned from a round the world trip with his friend Tyger. Here are the places they visited.

From	To	Distance (miles)	Distance to nearest 100 miles
Washington DC	Los Angeles	2295	2300
Los Angeles	Tokyo	5472	
Tokyo	Bombay	4189	
Bombay	Athens	3214	
Athens	Paris	1302	
Paris	London	213	
London	Washington DC	3665	

1) Fill in the distance to the nearest 100 miles column.

2) Put the distances in order from shortest to longest.

_____ shortest _____ longest

3) How much further is the trip from Bombay to Athens than the trip from Washington DC to Los Angeles? _____ miles

4) What is the total distance from Los Angeles to Tokyo to Bombay to Athens? _____ miles

5) Tyger says 'The distance from Washington DC to Los Angeles is more than 10 times the distance from Paris to London.' Is he right? _____

6) When arriving at Bombay, Tyger says 'So far we have travelled over 12,000 miles.' Is he right? _____

Name

Date



PROBLEM SOLVING – TRAVELLING SALAMANDERS (STANDARD) ANSWERS

From	To	Distance (miles)	Distance to nearest 100 miles
Washington DC	Los Angeles	2295	2300
Los Angeles	Tokyo	5472	5500
Tokyo	Bombay	4189	4200
Bombay	Athens	3214	3200
Athens	Paris	1302	1300
Paris	London	213	200
London	Washington DC	3665	3700

1) Fill in the distance to the nearest 100 miles column.

2) Put the distances in order from shortest to longest.

213
1302
2295
3214
3665
4189
5472

shortest
longest

3) How much further is the trip from Bombay to Athens than the trip from Washington DC to Los Angeles? **919** miles

4) What is the total distance from Los Angeles to Tokyo to Bombay to Athens? **12,875** miles

5) Tyger says 'The distance from Washington DC to Los Angeles is more than 10 times the distance from Paris to London.' Is he right? **Yes**

W-> LA = 2295 P-> L = 213 213 x 10 = 2130 so he is correct.

6) When arriving at Bombay, Tyger says 'So far we have travelled over 12,000 miles.' Is he right? **No**

W->LA->T->B = 2295+5472+4189 = 11,956 so he is wrong!