

ANSWER, FIND, AND SHADE
DISTANCE - WORD PROBLEMS

ANSWERS

Use the distant table to answer the questions below. All answers should be rounded to the nearest whole number.

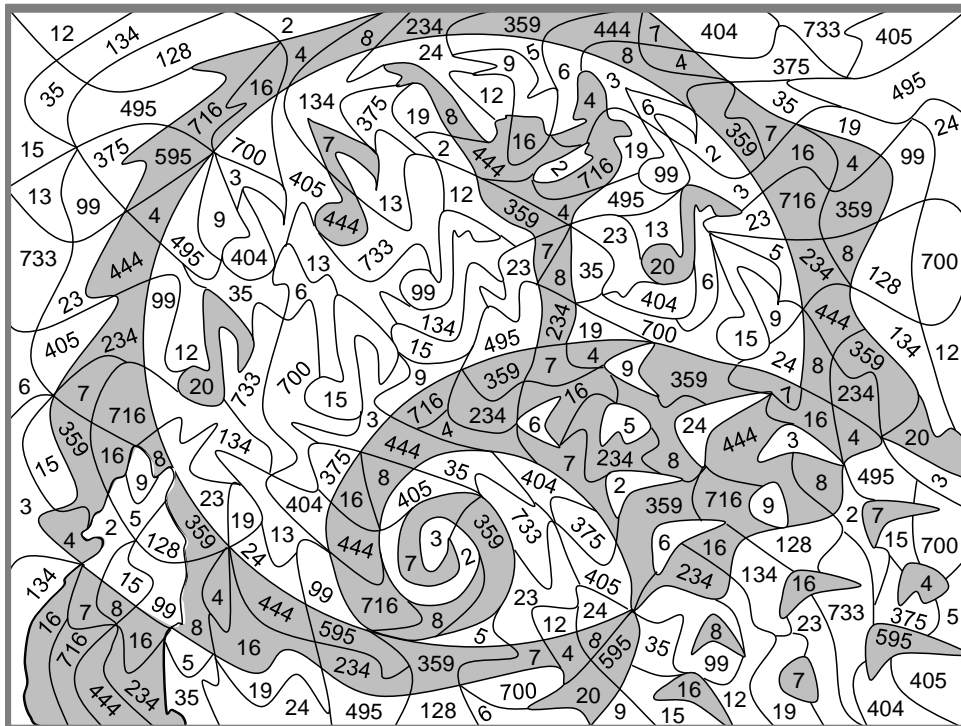
France Kilometer Chart

	Bordeaux	Dijon	Lyon	Nice	Paris
Dijon	646 km		191 km	660 km	311 km
Lyon	542 km	191 km		471 km	457 km
Nice	804 km	660 km	471 km		927 km
Paris	579 km	311 km	457 km	927 km	

Useful Information
1 kilometer = 0.62 miles distance = speed x time

****Please show work on back of paper****

- Borgia needs to deliver a package from Dijon to Paris. Later, she needs to pick up another package in Paris and deliver it to Lyon and then return to Dijon. How many total miles will she have to travel? **595 miles**
- Ricola lives in Lyon and last week he visited his parents in Bordeaux. His average speed there was 60 kilometers per hour and his average speed back was 78 km/h. What was his total driving time? **16 hours**
- Terrain drove to a famous ski resort in the mountains. He left from Lyon and his average speed was 72 km/h. If it took him 3 hours and 15 minutes to get there, how many kilometers did he drive? **234 km**
- Last Summer, Meaken walked from Dijon to Nice. Not including breaks and sleep it took him 82 hours and 30 minutes to walk there. Assuming his speed was constant, how many kilometers did he walk each hour? **8 km/h**
- The Eiffel Tower is 320 meters tall and is approximately the same height of an 81 story building. Since 1889 it has been visited by more than 250 million people. About how many meters high is one story of a building?
4 meters
- Speedy Pierre drove from Dijon to Paris to spend the day at the Musée du Louvre. His average speed was 28 miles per hour and he spent 5 hours at the museum. How much time did it take to get there? **7 hours**



- During the month of July Mattery took 4 different trips from Nice to Bordeaux, Paris, Dijon, and Lyon. In kilometers, what is the mean distance to each location? *Do not include returning.*
716 km
- For problem 7 above what is the average distance in miles? **444 miles**
- If Chekov drove from Paris to Bordeaux, about how many miles did he drive?
359 miles
- Smitty drove 50 miles/hour from Paris to Lyon to Nice to Dijon. About how many hours did he drive? **20 hours**