

Warsaw, which takes about forty-nine hours. (4) The lines from the Dutch and Belgian ports into Italy, via the Rhine valley, Lucerne, and the St. Gothard. The journey from Antwerp to Milan takes about twenty-five hours. (5) The railway from Berlin into Italy, via Munich and the Brenner Pass. From Berlin to Verona takes about ten hours (see p. 27).

European nations are closely knit together by means of telegraphs, as well as by roads and railways, and international efforts have been made to meet the inconvenience in travelling due to the fact that different countries keep different time. Owing to the earth's rotation, the time at which noon occurs varies along different meridians of longitude—the word 'meridian' meaning 'noon,' and signifying that all points on that half of the circumference of the circle which is turned to the sun have noon at the same time. Time varies, in fact, one hour for every 15° of longitude, since the earth revolves 360° in twenty-four hours; and since this revolution is from west to east, places in the east have their noon before those in the west. Apparently, therefore, time is lost in travelling eastwards, and gained in going westwards. Places generally keep the time of the capital of the country they are in, but Mid-European time, which is that of 15° east of Greenwich, is used in Scandinavia, Germany, Austria-Hungary, Italy, and Switzerland.

QUESTIONS AND SUGGESTIONS.

1. Procure an outline map of the world, and colour the countries controlled by European nations.
2. Which countries in Europe are deficient in timber? From what countries will these probably import it, and what goods are they like to offer in exchange?
3. St. Petersburg is 30° east of Greenwich. What is the time there when it is noon in London?
4. Arrange the following according to the length of the day at midsummer, putting the one which has the longest first: Vienna, Moscow, Paris, London, and Berlin.
5. Procure an outline map of Europe, and colour the districts in which wheat is extensively cultivated. In what regions will the bread of the majority of the inhabitants be made of rye instead of wheat?
6. Name the physical features which have hindered or facilitated the construction of the Orient Express Railway.
7. Which countries in Europe do more trade with the United Kingdom than with any other country? Arrange these countries in order of the total value of their trade with us.