

DRAWING.—IX.

9 to 11 a. m., Wednesday, 24 June, 1914.

1. Northwest from my house, and 846 yards from it is an oak tree; south-west from the tree and 758 yards from it is a well. Draw a plan and find how far the well is from the house.
2. Two ships C and D are at anchor within sight of the shore. the distance between these is got thus: a base line A B of 400 yards is taken; The observer notices that the angle BAC is 60° , the angle BAD is 40° , the angle ABC is 50° , and the angle ABD is 90° . How far apart are the ships?
3. A company has the following rates of insurance; A man of 25 years pays \$21; of 30 years, \$24; of 35 years, \$28; of 40 years, \$33; of 45 years, \$39; of 50 years, \$47 and of 55 years, \$58. Draw a curve to show how the rates increase as a man's age increases.
4. Draw a rough sketch of a pocket knife; (a) blades closed; (b) blades open fully; (c) opened at right angles.
5. Draw a group composed of an apple, a potato, and a turnip.
6. Explain how an ellipse can be drawn with a straight edge.
7. Draw a rough sketch of your school house and its surroundings.
8. Name the secondary and tertiary colors and tell from what primary colors each one of them is produced.

GEOGRAPHY.—IX.

3 to 5 p. m., Wednesday, 24 June, 1914.

1. Describe the Saguenay River.
Or, State the principal resources of Nova Scotia, and name the parts of the Province in which each offers special inducement to industry.
2. What, where, and for what noted is each of the following:—Sudbury, Esquimalt, the Chinook, Port-aux-Basques, Duluth, Bahamas, Buenos Aires, Manchester, Channel Islands, Malta, Ben Nevis, Kimberley.
Or, Describe the city of Glasgow or Liverpool, stating its situation and leading industries.
3. Draw an outline map of Canada, showing its principal geographical features, including the boundaries and positions of the capitals of the Provinces.
Or, Write a note on any two of the following:—Birmingham, Sheffield, Stoke-upon-Trent, Newcastle-on-Tyne.
4. What parts of Canada rank high in the production of coal? of gold? of silver? of fish? of wheat? of fruit? of lumber? What province is noted for its production of asbestos? what one for nickel?
5. Write a note on the denuding or levelling forces now active in changing the earth's surface, giving examples of places in which changes of this kind are taking place.
Or, Describe the method of finding the latitude of a place and state the highest latitude a place can have.