

$$50x = 1148 - 28x$$

Transposant et rassemblant on a :

$$78x = 1148$$

$$1148$$

$$28$$

$$x = \frac{1148}{78} = 14 \frac{39}{78} \text{ jours ou } 15 \text{ jours}$$

après le 10 août, c'est-à-dire le 25 août.

PREMIERS ELEMENTS DE GEOMETRIE PRATIQUE

12. Une chaudière est composée d'une demi-sphère et d'un cylindre. La hauteur du cylindre, qui est de 3 pieds, est égale à son diamètre et au diamètre de la sphère. Calculez : 1° la surface de cette chaudière sans couvercle ; 2° sa capacité en gallons : (Dans 1 gallon il y a 277.274 pouces cubes.

Solution : $(3^2 \times 3.1416) \div 2 = 14.1372$, la surface de la demi-sphère.

$3.1416 \times 3 = 9.4248$, la circonférence du cylindre.

$9.4248 \times 3 = 28.2744$, la surface du cylindre.

$14.1372 + 28.2744 = 42.4116$, la surface totale de la chaudière.

$(3^2 \times .5236) \div 2 = 7.0686$, le volume de la demi-sphère.

$(3^2 \times .7854) \times 3 = 21.2058$, le volume du cylindre.

$7.0686 + 21.2058 = 28.2744$, le volume de la chaudière.

$(28.2744 \times 1728) \div 277.274 = 176 \frac{21}{277} \text{ gallons.}$

LANGUE ANGLAISE

English Dictation and Composition

GENEROUS GREED

A professor of music in London gave a public concert, and engaged the famous Madame Malibran to sing at it. He was to pay her twenty guineas ; but so few people attended the concert that he was hardly able to pay her expenses with the money got from the audience. He called to ask Madame Malibran if she would be content with part of the money he had promised, but she said she must have it all. He counted out twenty sovereigns one by one. « Will that do », he asked beseechingly. « No », said the singer ; « I want another sovereign : you agreed to give me twenty guineas, not twenty pounds. » He gave her the other sovereign. « Ah ! » said he, aloud to himself. « what will become of my poor wife and children ? » Madame Malibran said quickly. « I made you give me all you had promised, so that I might have it all to give back to you. Please make me happy by taking it »—and she ran out of the room.

OUTLINE.—1. A professor gives a concert, with Madame Malibran to sing.

2. Fee for singing, twenty guineas : concert not successful.

3. He asks Madame Malibran to take less : she refuses.

4. Twenty sovereigns counted out.

5. Question and answer.

6. The other sovereign.

7. Exclamation of the Professor.

8. Madame Malibran's reply.

Taken from Meiklejohn's *Fables, Anecdotes and Stories for teaching composition*.

Le rapport du Surintendant

Nous recevons à l'instant l'intéressant rapport du Surintendant de l'Instruction publique de la province de Québec, pour 1905-06. Nous en reparlerons dans la prochaine livraison.