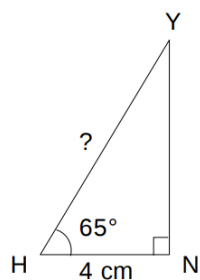


Nom, Prénom :

Interrogation – Trigonométrie

Exercice 1 : Calculer la mesure de la longueur HY.



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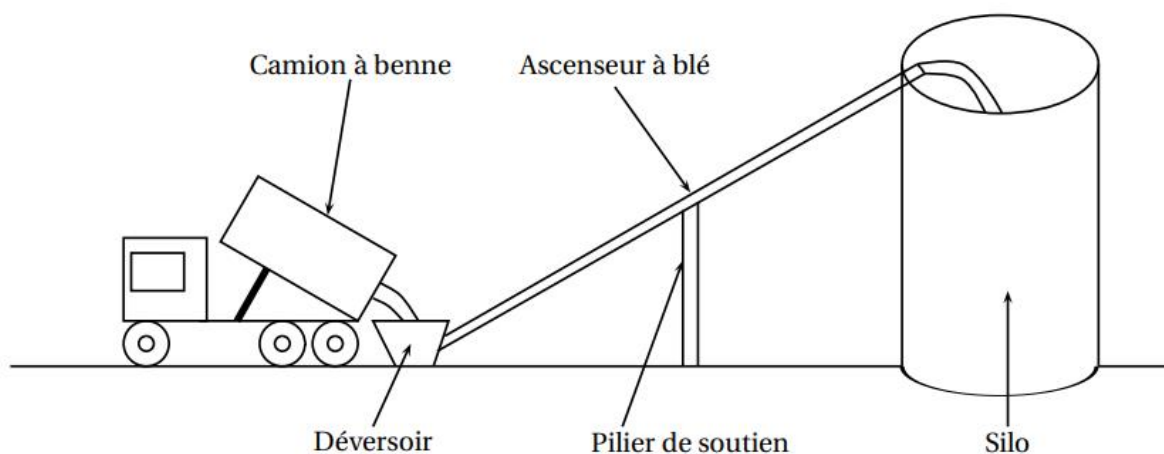
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Exercice 2 :

Un silo à grains permet de stocker des céréales. Un ascenseur permet d'acheminer le blé dans le silo. L'ascenseur est soutenu par un pilier.



On modélise l'installation par la figure ci-dessous qui n'est pas réalisée à l'échelle :

-
- The diagram shows a cylinder, labeled "Cylindre", resting on a horizontal surface. A line representing the incline starts at point C and goes up to point M. A vertical line segment EF is drawn from point E on the incline to point F on the horizontal surface, with a right-angle symbol at F. Another vertical line segment MH is drawn from point M on the incline to point H on the horizontal surface, with a right-angle symbol at H. The points C, F, H, and P are marked on the horizontal surface in order from left to right.

This image shows a full page of white paper with horizontal dotted lines. The lines are evenly spaced and run across the width of the page, providing a guide for handwriting practice. There are no margins, text, or other markings on the page.