

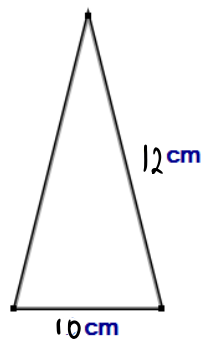
Les calculatrices sont permises pour cette partie du quiz.

B. Géométrie

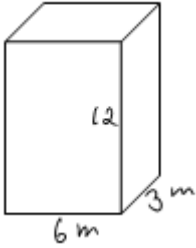
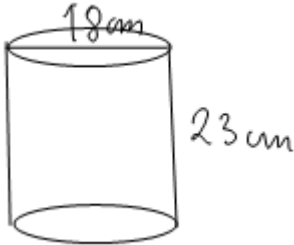
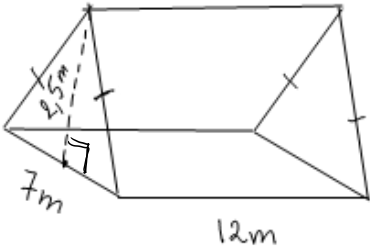
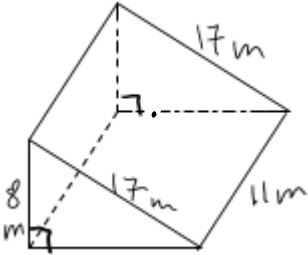
Théorème de Pythagore

1. Trouve les longueurs des segments dénotés avec x dans les images suivantes : [8x1]

2. Quelle est l'aire du triangle isocèle ABC ? [2]



3. Quels sont les aires et les volumes des objets suivants ? [4x2]

Objet	Aire	Volume
 <p>A 3D drawing of a rectangular prism. The front face is a rectangle with a width of 6m and a height of 12m. The depth of the prism is 3m.</p>		
 <p>A 3D drawing of a cylinder. The diameter of the top circular face is labeled as 18cm. The height of the cylinder is labeled as 23cm.</p>		
 <p>A 3D drawing of a triangular prism. The base is a triangle with a base of 7m and a height of 2.5m. The length of the prism is 12m. The height of the triangle is indicated by a dashed line and a right-angle symbol.</p> <p>$h = 2,5\text{ m}$</p>		
 <p>A 3D drawing of a triangular prism. The base is a triangle with a height of 8m and a base of 17m. The length of the prism is 11m. The height of the triangle is indicated by a dashed line and a right-angle symbol.</p>		