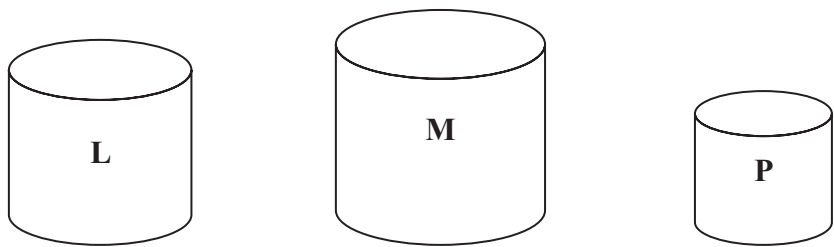


17 **L**, **M** and **P** are three similar solid cylinders made from the same material.



**L** has a mass of 64 g

**M** has a mass of 125 g

**M** has a total surface area of  $144 \text{ cm}^2$

**P** has a total surface area of  $16 \text{ cm}^2$

Work out

height of cylinder **L** : height of cylinder **M** : height of cylinder **P**