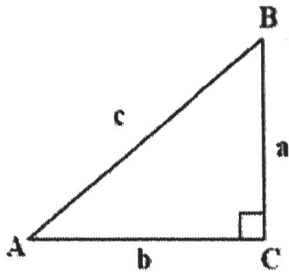


Unit 3 - Multiple Choice Review

①



What is the correct ratio for $\tan B$?

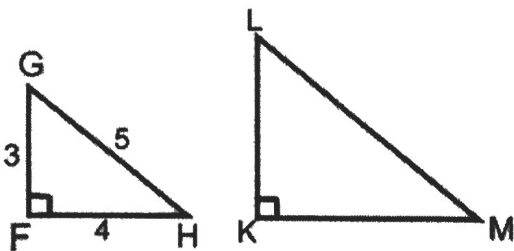
A. $\frac{b}{a}$

B. $\frac{a}{c}$

C. $\frac{a}{b}$

D. $\frac{b}{c}$

②



$\triangle GFH \sim \triangle KLM$ Which of the following must be **TRUE**?

A. $\tan G = \tan L$

B. $\tan G = \tan M$

C. $\sin H = \sin L$

D. $\sin H = \tan M$

③ In a right triangle HJK, $\angle J = 90^\circ$ and $\tan H = 1$. Which statement about $\triangle HJK$ must be TRUE?

A. $\sin H = \frac{1}{2}$

B. $\sin H = 1$

C. $\sin H = \cos H$

D. $\sin H = \frac{1}{\cos H}$

④ Which of the following is equal to $\cos 40^\circ$?

A. $\sin 30^\circ$

B. $\sin 40^\circ$

C. $\sin 50^\circ$

D. $\sin 60^\circ$