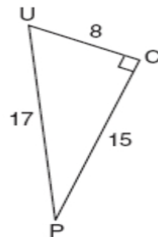


Name: \_\_\_\_\_

- 1 The diagram below shows right triangle UPC.

010919ia



Which ratio represents the sine of  $\angle U$ ?

- (1)  $\frac{15}{8}$                       (3)  $\frac{8}{15}$   
(2)  $\frac{15}{17}$                       (4)  $\frac{8}{17}$

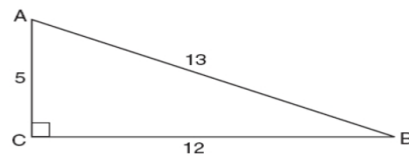
- 2 In triangle MCT, the measure of  $\angle T = 90^\circ$ ,  $MC = 85$  cm,  $CT = 84$  cm, and  $TM = 13$  cm. Which ratio represents the sine of  $\angle C$ ?

fall0721ia

- (1)  $\frac{13}{85}$                       (3)  $\frac{13}{84}$   
(2)  $\frac{84}{85}$                       (4)  $\frac{84}{13}$

- 3 Which ratio represents  $\cos A$  in the accompanying diagram of  $\triangle ABC$ ?

080414a



- (1)  $\frac{5}{13}$                       (3)  $\frac{12}{5}$   
(2)  $\frac{12}{13}$                       (4)  $\frac{13}{5}$