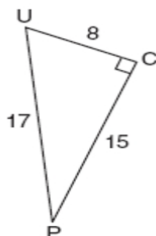1   The diagram below shows right triangle UPC.

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

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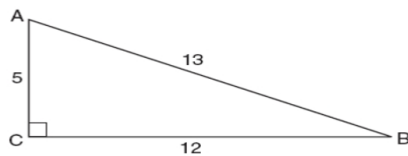
(2) $\dfrac{15}{17}$ (4) $\dfrac{8}{17}$

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

fall0721ia

(1) $\dfrac{13}{85}$ (3) $\dfrac{13}{84}$

(2) $\dfrac{84}{85}$ (4) $\dfrac{84}{13}$

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

080414a

(1) $\dfrac{5}{13}$ (3) $\dfrac{12}{5}$

(2) $\dfrac{12}{13}$ (4) $\dfrac{13}{5}$