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$$16, \sin A = \frac{15\sqrt{2}}{10\sqrt{6}} = \frac{3\sqrt{2}}{2\sqrt{6}} = \frac{3}{2\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{3\sqrt{3}}{2 \cdot 3} = \frac{\sqrt{3}}{2}$$

$$\cos A = \frac{5\sqrt{6}}{10\sqrt{6}} = \frac{1}{2}$$

$$\tan A = \frac{15\sqrt{2}}{5\sqrt{6}} = \frac{3}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{3\sqrt{3}}{3} = \sqrt{3}$$

$$\sin B = \frac{5\sqrt{6}}{10\sqrt{6}} = \frac{\sqrt{6}}{2} \left(\frac{1}{2} \right)$$

$$\cos B = \frac{15\sqrt{2}}{10\sqrt{6}} = \frac{3\sqrt{2}}{2\sqrt{6}} = \frac{3}{2\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{3\sqrt{3}}{2 \cdot 3} = \frac{\sqrt{3}}{2}$$

$$\tan B = \frac{5\sqrt{6}}{15\sqrt{2}} = \frac{\sqrt{3}}{3}$$

$$17, \sin A = \frac{21}{25} = \frac{7}{25} \quad \sin B = \frac{72}{75} = \frac{24}{25}$$

$$\cos A = \frac{72}{75} = \frac{24}{25} \quad \cos B = \frac{21}{75} = \frac{7}{25}$$

$$\tan A = \frac{21}{72} = \frac{7}{24} \quad \tan B = \frac{72}{21} = \frac{24}{7}$$

$$18, \sin A = \frac{55}{73} \quad \sin B = \frac{48}{73}$$

$$\cos A = \frac{48}{73} \quad \cos B = \frac{55}{73}$$

$$\tan A = \frac{55}{48} \quad \tan B = \frac{48}{55}$$