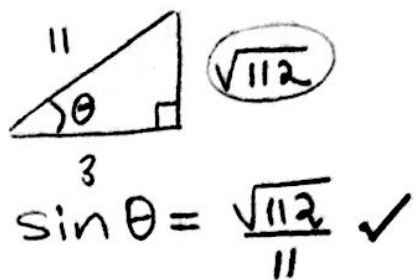
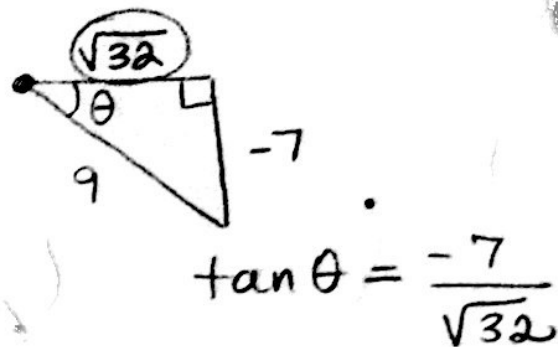


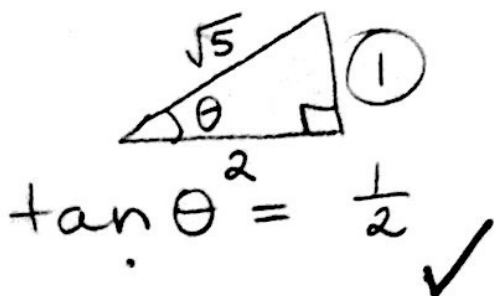
$$9) \sin(\arccos \frac{3}{11})$$



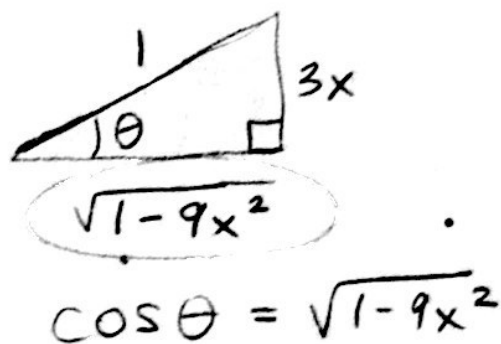
$$10) \tan(\arcsin^{-1} \frac{7}{9})$$



$$11) \tan(\operatorname{arcsec} \frac{\sqrt{5}}{2})$$



$$12) \cos(\arcsin \frac{3x}{1})$$



Derivatives:

$$\ast \frac{d}{dx} [\arcsin u] = \frac{1}{\sqrt{1-u^2}} \cdot u'$$

$$\ast \frac{d}{dx} [\arccos u] = \frac{1}{\sqrt{1-u^2}} \cdot -u'$$

$$\ast \frac{d}{dx} [\arctan u] = \frac{1}{1+u^2} \cdot u'$$

$$\ast \frac{d}{dx} [\operatorname{arcsec} u] = \frac{1}{|u|\sqrt{u^2-1}} \cdot u'$$

$$\frac{d}{dx} [\operatorname{arccot} u] = \frac{1}{1+u^2} \cdot -u'$$

$$\frac{d}{dx} [\operatorname{arccsc} u] = \frac{1}{|u|\sqrt{u^2-1}} \cdot -u'$$