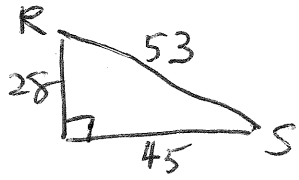
10)

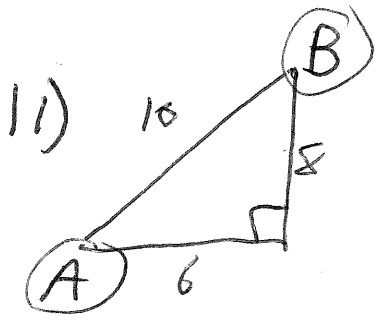



$\sin S = 28/53$ $\quad \sin R = 45/53$

$\cos S = 45/53$ $\quad \cos R = 28/53$

$\tan S = 28/45$ $\quad \tan R = 45/28$

11)

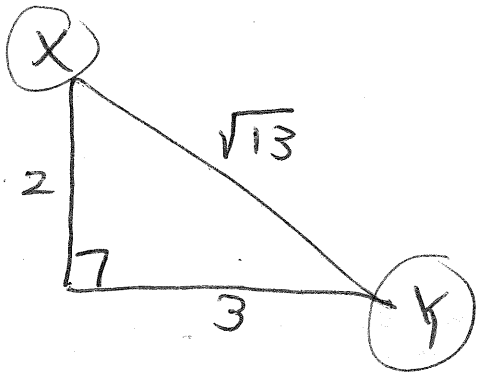



$\sin A = 4/5$ $\quad \sin B = 3/5$

$\cos A = 3/5$ $\quad \cos B = 4/5$

$\tan A = 4/3$ $\quad \tan B = 3/4$

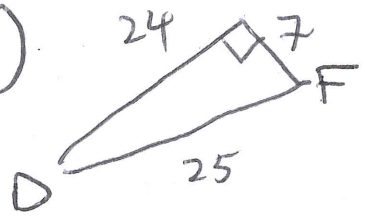
12)




$\sin X = \frac{3}{\sqrt{13}} = \frac{3\sqrt{13}}{13}$ $\quad \sin Y = \frac{2}{\sqrt{13}} = \frac{2\sqrt{13}}{13}$

$\cos X = \frac{2}{\sqrt{13}} = \frac{2\sqrt{13}}{13}$ $\quad \cos Y = \frac{3}{\sqrt{13}} = \frac{3\sqrt{13}}{13}$

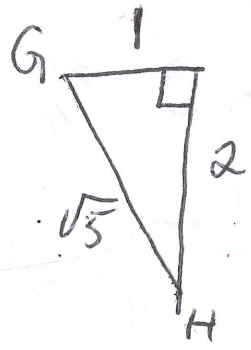
$\tan X = 3/2$ $\quad \tan Y = 2/3$

13) 


$\sin D = 7/25$ $\quad \sin F = 24/25$

$\cos D = 24/25$ $\quad \cos F = \frac{7}{25}$

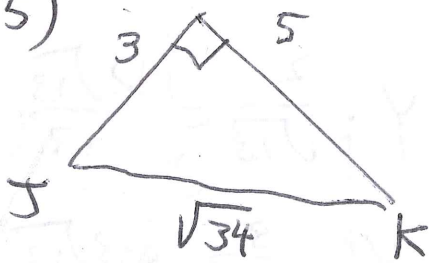
$\tan D = 7/24$ $\quad \tan F = 24/7$

14) 


$\sin G = \frac{2}{\sqrt{5}} = \frac{2\sqrt{5}}{5}$ $\quad \sin H = \frac{\sqrt{5}}{5}$

$\cos G = \frac{1}{\sqrt{5}} = \frac{\sqrt{5}}{5}$ $\quad \cos H = \frac{2\sqrt{5}}{5}$

$\tan G = \frac{2}{1} = 2$ $\quad \tan H = \frac{1}{2}$

15) 


$\sin J = \frac{5}{\sqrt{34}} = \frac{5\sqrt{34}}{34}$ $\quad \sin K = \frac{3}{\sqrt{34}} = \frac{3\sqrt{34}}{34}$

$\cos J = \frac{3}{\sqrt{34}} = \frac{3\sqrt{34}}{34}$ $\quad \cos K = \frac{5}{\sqrt{34}}$ $\frac{5\sqrt{34}}{34}$

$\tan J = 5/3$ $\quad \tan K = 3/5$

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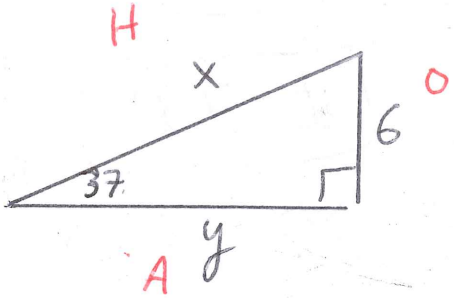
28)




$\frac{\sin 37}{1} = \frac{6}{x}$

$x \sin 37 = 6$

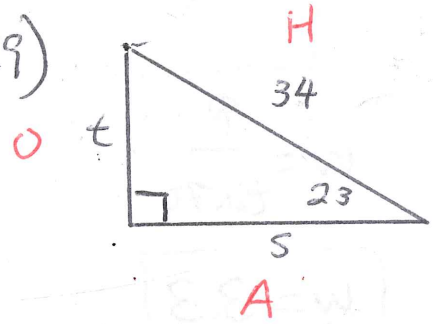
$x = \frac{6}{\sin 37}$

$x = 9.9$

$\frac{\cos 37}{1} = \frac{y}{9.97}$

$y = 7.9$

29)




$\frac{\cos 23}{1} = \frac{s}{34}$

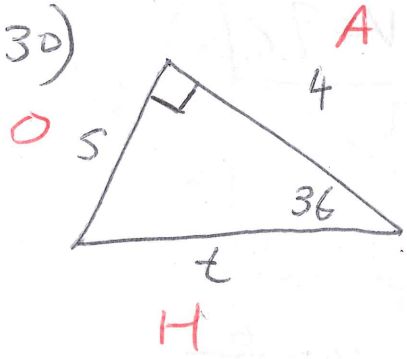
$s = 34 \cos 23$

$s = 31.3$

$\frac{\sin 23}{1} = \frac{t}{34}$

$t = 13.3$

30)




$\frac{\tan 36}{1} = \frac{s}{4}$

$s = 4 \tan 36$

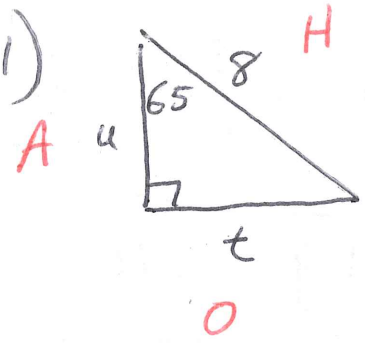
$s = 2.9$

$\frac{\cos 36}{1} = \frac{4}{t}$

$t \cos 36 = 4$

$t = 4.9$

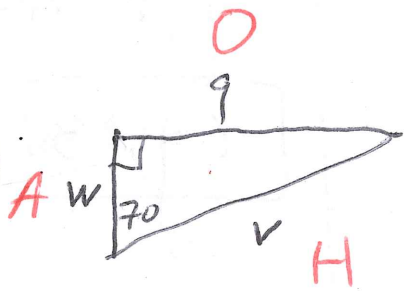
31)




$\cos 65 = \frac{u}{8}$ $\quad u = 3.4$

$\sin 65 = \frac{t}{8}$ $\quad t = 7.3$

32)

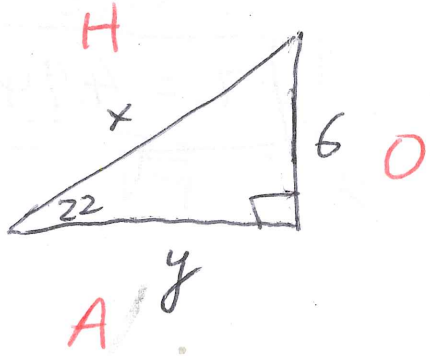



$\tan 70 = \frac{9}{w}$ $\quad w = \frac{9}{\tan 70}$

$w = 3.3$

$\sin 70 = \frac{9}{v}$ $\quad v = 9.6$

33)




$\tan 22 = \frac{6}{y}$ $\quad y = \frac{6}{\tan 22}$

$y = 14.9$

$\sin 22 = \frac{6}{x}$ $\quad x = \frac{6}{\sin 22}$

$x = 16.0$