Worksheet E: True/False resolving forces

For each of the situations, decide whether the stated fact is True or False.

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| a)$$F\_{y}=10\cos(40)$$40o10N$$y$$$$x$$ |  b)$$F\_{x}=12\cos(70)$$$$y$$$$x$$70o12N$$y$$$$x$$ |
| c)$$F\_{y}=-8\cos(25)$$$$y$$$$x$$8N25o |  d)$$F\_{x}=-12\sin(50)$$50o12N |
| e)$$R\_{y}=5\sin(25)-12\sin(55)$$55o25o12N5N4N$$y$$$$x$$ |  f)$$R\_{x}=10\cos(65)-12\cos(30)$$65o15N10N30o12N$$y$$$$x$$ |
| g)$$R=0.86N$$ | h)$$θ=20.5°$$ |