Expression for v

Combining the results from Question #s 1 and 2 above, the expression for the linear velocity of the object at the bottom of the incline is:

a.) $v = \sqrt{2gh}$

b.) $v = \sqrt{2mghr/I}$

c.) $v = \sqrt{\dfrac{gh}{1+\left(I/mr^2\right)}}$

d.) $v = \sqrt{\dfrac{4mr^2gh}{\left(2I+mr^2\right)}}$

e.) $v = \sqrt{\dfrac{2gh}{1+\left(I/mr^2\right)}}$