Monads

$$(1) \qquad return \; v \ggeq \lambda x. \, k \; x \quad = \quad k \; v$$

$$(2) \qquad m \ggeq \lambda x. \, return \; x \quad = \quad m$$

$$(3) \quad m \ggeq (\lambda x. \, k \; x \ggeq (\lambda y. \, h \; y)) \quad = \quad (m \ggeq (\lambda x. \, k \; x)) \ggeq (\lambda y. \, h \; y)$$

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