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1.5: molecular k e

$$V_m = \frac{2}{3} \frac{1}{m}$$

molecular k e $kT =$

$$\frac{2}{3} m kT = \frac{2}{3} V_m$$

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solution can be
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 combine
 Equations 1.4 and
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 $V_m = 2 \cdot 2 \cdot 1$
 molecular k e kT
 $= 2 \cdot 3 \cdot m \cdot kT \cdot V \cdot 3$
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