The fuel in a bottle rocket burns for 2s. While burning, the rocket moves upward with an acceleration of 30 m/s^2. What is the vertical distance traveled while the fuel is still burning and how fast is it traveling at the end of the burn?

fast is it traveling at the end of the burn?

(1) What is given that do I need to find?

$$t=2s$$
 (2) find an equation of the burn?

 $t=2s$  (3) find an equation of the burn?

 $t=2s$  (3) find an equation of the burn?

 $t=2s$  (4) find an equation of the burn?

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 $t=2s$  (4) find an equation of the burn?

 $t=2s$  (5) find an equation of the burn?

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 $t=2s$  (7) find an equation of the burn?

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 $t=2s$  (8) find an equation of the burn?

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