

Warm Up 0.2

1. Dolly is starting up a business. She will be selling dolls for 15 dollars each. She has to submit a business model to an investment company. Help Dolly write an equation that she can show the investors that will help her estimate her income.

Defined Variables

Dolly's Income = D_I

Number of Dolls = D_O

Number of Dollars per Doll = D_A

Equation

2. Mike is running in a race for charity. He has to decide if he wants to sign up to earn money for how many miles he runs (\$10 per mile), or to earn money for how many minutes he runs (\$0.10 per minute). Help Mike by defining the variables he'll need, then write TWO equations to help him see how much money he'll earn after the race. One equation should be based on how many miles he runs, and the other will be based on how many minutes he runs.

Define variables for each item

Number of Miles =

Number of Minutes =

Money earned =

Write the TWO equations below

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