Math Practice - Grade 6

M10 Dependent and independent variables - Write an equation for the story

M10 6.EE.C.9

Name: _____ Date: _____

Write the equation that links the two quantities.

Example: Ana saves 10 every week. Write the equation that links the two quantities.

How: The dependent quantity equals the rate times the independent quantity.

Ana saves 10 every week.

s = 10w

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1 **Each ticket costs 8. Write the equation that links the two quantities.**

Each ticket costs 8.

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2 **Leo earns 15 every hour he works. Write the equation that links the two quantities.**

Leo earns 15 every hour he works.

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3 **Each bag holds 6 apples. Write the equation that links the two quantities.**

Each bag holds 6 apples.

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Name: _____ Date: _____

Write the equation that links the two quantities.

Example: Maya reads 3 pages every minute. Write the equation that links the two quantities.

How: The dependent quantity equals the rate times the independent quantity.

Maya reads 3 pages every minute.

p = 3t

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1 **A train travels at a steady speed of 40 miles per hour. Write the equation that links the two quantities.**

A train travels at a steady speed of 40 miles per hour.

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2 **A car drives at a steady speed of 65 miles per hour. Write the equation that links the two quantities.**

A car drives at a steady speed of 65 miles per hour.

---

3 **Each bag holds 6 apples. Write the equation that links the two quantities.**

Each bag holds 6 apples.

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Name: _____ Date: _____

Write the equation that links the two quantities.

Example: A train travels at a steady speed of 40 miles per hour. Write the equation that links the two quantities.

How: The dependent quantity equals the rate times the independent quantity.

A train travels at a steady speed of 40 miles per hour.

d = 40t

---

1 **A car drives at a steady speed of 65 miles per hour. Write the equation that links the two quantities.**

A car drives at a steady speed of 65 miles per hour.

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Each ticket costs 8.