Math Practice - Grade 7

M4 Percent and proportional problem solving - Percent error

M4 7.RP.3

Name: _____ Date: _____

Read the story. Write the percent error in the box.

Example: The true length is 100. Leo measures 105. What is the percent error?

How: Percent error is the absolute error divided by the true value, times 100. Divide by the true value, not by the measured value.

Percent error 5%

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1 **The true length is 40. Leo measures 48. What is the percent error?**

Percent error ☐

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2 **The true length is 50. Leo measures 62.5. What is the percent error?**

Percent error ☐

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3 **The true length is 80. Leo measures 64. What is the percent error?**

Percent error ☐

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M4 7.RP.3

Name: _____ Date: _____

Read the story. Write the percent error in the box.

Example: The true length is 50. Leo measures 47.5. What is the percent error?

How: Percent error is the absolute error divided by the true value, times 100. Divide by the true value, not by the measured value.

Percent error 5%

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1 **The true length is 80. Leo measures 88. What is the percent error?**

Percent error ☐

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2 **The true length is 50. Leo measures 45. What is the percent error?**

Percent error ☐

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3 **The true length is 80. Leo measures 72. What is the percent error?**

Percent error ☐

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Name: _____ Date: _____

Read the story. Write the percent error in the box.

Example: The true length is 60. Leo measures 54. What is the percent error?

How: Percent error is the absolute error divided by the true value, times 100. Divide by the true value, not by the measured value.

Percent error [10%]

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1 **The true length is 60. Leo measures 69. What is the percent error?**

Percent error [ ]

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2 **The true length is 80. Leo measures 84. What is the percent error?**

Percent error [ ]

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3 **The true length is 200. Leo measures 210. What is the percent error?**

Percent error [ ]