Math Practice - Grade 7

M4 Percent and proportional problem solving - Percent increase and decrease

M4 7.RP.3

Name: _____ Date: _____

Read the story. Write the new value in the box.

Example: A jacket costs 60. The price increases by 40 percent. What is the new price?

How: Find the percent of the original value first. Add it for an increase, or subtract it for a decrease. The original value is always the base.

New price 84

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1 **A jacket costs 80. The price increases by 25 percent. What is the new price?**

New price ☐

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2 **A jacket costs 20. The price increases by 40 percent. What is the new price?**

New price ☐

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3 **A jacket costs 80. The price increases by 5 percent. What is the new price?**

New price ☐

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Name: _____ Date: _____

Read the story. Write the new value in the box.

Example: A jacket costs 160. The price decreases by 20 percent. What is the new price?

How: Find the percent of the original value first. Add it for an increase, or subtract it for a decrease. The original value is always the base.

New price 128

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1 **A jacket costs 160. The price increases by 15 percent. What is the new price?**

New price ☐

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2 **A jacket costs 20. The price increases by 40 percent. What is the new price?**

New price ☐

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3 **A jacket costs 40. The price decreases by 40 percent. What is the new price?**

New price ☐

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Name: _____ Date: _____

Read the story. Write the new value in the box.

Example: A jacket costs 120. The price increases by 50 percent. What is the new price?

How: Find the percent of the original value first. Add it for an increase, or subtract it for a decrease. The original value is always the base.

New price 180

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1 **A jacket costs 80. The price increases by 20 percent. What is the new price?**

New price ☐

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2 **A jacket costs 60. The price increases by 5 percent. What is the new price?**

New price ☐

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3 **A jacket costs 160. The price increases by 15 percent. What is the new price?**

New price ☐