Math Practice - Grade 7

M5 Equivalent expressions - Rewrite a percent change as a multiplier

M5 7.EE.1, 7.EE.2

Name: _____ Date: _____

Rewrite the percent change as a single term. Write the answer in the box.

Example: Rewrite a + 0.40a as a single term.

How: Add the percent as a decimal to 1 for an increase, or subtract it from 1 for a discount, then multiply by that number.

1.4a

1 **Rewrite a - 0.20a as a single term.**

2 **Rewrite a + 0.15a as a single term.**

3 **Rewrite a - 0.40a as a single term.**

4 **Rewrite a + 0.20a as a single term.**

5 **Rewrite a - 0.10a as a single term.**

6 **Rewrite a - 0.25a as a single term.**

7 **Rewrite a - 0.30a as a single term.**

8 **Rewrite a + 0.50a as a single term.**

9 **Rewrite a - 0.50a as a single term.**

10 **Rewrite a + 0.30a as a single term.**

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Rewrite the percent change as a single term. Write the answer in the box.

Example: Rewrite a - 0.15a as a single term.

How: Add the percent as a decimal to 1 for an increase, or subtract it from 1 for a discount, then multiply by that number.

0.85a

1 **Rewrite a + 0.10a as a single term.**

2 **Rewrite a - 0.50a as a single term.**

3 **Rewrite a + 0.15a as a single term.**

4 **Rewrite a - 0.25a as a single term.**

5 **Rewrite a + 0.40a as a single term.**

6 **Rewrite a - 0.20a as a single term.**

7 **Rewrite a + 0.25a as a single term.**

8 **Rewrite a + 0.30a as a single term.**

9 **Rewrite a - 0.30a as a single term.**

10 **Rewrite a + 0.50a as a single term.**

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M5 7.EE.1, 7.EE.2

Name: _____ Date: _____

Rewrite the percent change as a single term. Write the answer in the box.

Example: Rewrite a - 0.25a as a single term.

How: Add the percent as a decimal to 1 for an increase, or subtract it from 1 for a discount, then multiply by that number.

0.75a

1 **Rewrite a + 0.40a as a single term.**

2 **Rewrite a + 0.30a as a single term.**

3 **Rewrite a - 0.30a as a single term.**

4 **Rewrite a - 0.40a as a single term.**

5 **Rewrite a + 0.15a as a single term.**

6 **Rewrite a - 0.10a as a single term.**

7 **Rewrite a + 0.50a as a single term.**

8 **Rewrite a + 0.10a as a single term.**

9 **Rewrite a - 0.15a as a single term.**

10 **Rewrite a + 0.25a as a single term.**