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## Reteaching 6-8 Percent of Change

Find the percent of decrease from 85 to 60.

Find the amount of decrease.

$$85 - 60 = 25$$

$$\begin{aligned} \text{percent of decrease} &= \frac{\text{amount of decrease}}{\text{original amount}} \\ &= \frac{25}{85} \\ &\approx 0.294 = 29.4\% \end{aligned}$$

The percent of decrease is about 29.4%

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Find each percent of increase. Where necessary, round to the nearest tenth of a percent.

1. 40 is increased to 45.

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3. 15 is increased to 34.

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5. 72 is increased to 117.

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7. 35 is increased to 49.

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2. 33 is increased to 55.

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4. 11 is increased to 88.

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6. 28 is increased to 49.

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8. 48 is increased to 132.

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Find each percent of decrease. Where necessary, round to the nearest tenth of a percent.

9. 60 is decreased to 15.

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11. 140 is decreased to 77.

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13. 99 is decreased to 69.

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15. 83 is decreased to 0.

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10. 56 is decreased to 35.

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12. 96 is decreased to 64.

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14. 50 is decreased to 44.

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16. 475 is decreased to 152.

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