

Name : _____

Percent Change

Customary Units: S2

Find the new amount.

1) A decrease of 15% in 2,569 ft.

2) An increase of 9% in 8,020 oz.

3) An increase of 52% in 3,580 lb.

4) A decrease of 35% in 9,920 pt.

5) A decrease of 27% in 8,450 gal.

6) An increase of 49% in 7,850 fl.oz.

7) An increase of 78% in 5,450 gal.

8) A decrease of 84% in 5,450 gal.

9) A decrease of 3% in 4,780 tsp.

10) An increase of 61% in 4,780 tsp.

11) The average speed of an aircraft is 184 mph. Its landing speed decreases by 25%. What is the speed of the aircraft when it lands?

12) A supermarket receives 175 pounds of potatoes during the first week of June. The weekend supply of potatoes increases by 23%. How many pounds of potatoes does the supermarket receive on the weekend?

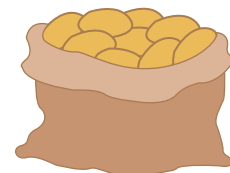
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Name : _____

Answer key

Percent Change

Customary Units: S2

Find the new amount.

- 1) A decrease of 15% in 2,569 ft.

2,183.65 ft

- 2) An increase of 9% in 8,020 oz.

8,741.8 oz

- 3) An increase of 52% in 3,580 lb.

5,441.6 lb

- 4) A decrease of 35% in 9,920 pt.

6,448 pt

- 5) A decrease of 27% in 5,000 fl.oz.

3,643.5 fl.oz

- 6) An increase of 49% in 7,850 fl.oz.

11,747.5 fl.oz

- 7) An increase of 78% in 20,000 qt.

35,628.4 qt

- 8) A decrease of 84% in 5,450 gal.

922 gal

- 9) A decrease of 3% in 219,500 in.

212,596 in

- 10) An increase of 61% in 4,780 tsp.

7,675.8 tsp

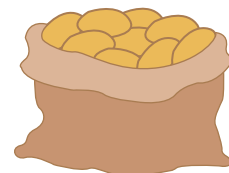
- 11) The average speed of an aircraft is 184 mph. Its landing speed decreases by 15%. What is the speed of the aircraft when it lands?

What is the speed of the aircraft when it lands?



- 12) A supermarket receives 175 pounds of potatoes during the first week of June. The weekend supply of potatoes increases by 23%. How many pounds of potatoes does the supermarket receive on the weekend?

215.25 pounds



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