

Name : _____

Percent Change

Customary Units: S3

Find the new amount.

1) An increase of 15% in 2,900 yd.

2) A decrease of 90% in 1,150 gal.

3) A decrease of 48% in 7,540 oz.

4) An increase of 27% in 6,800 tbs.

5) An increase of 1%

of 50% in 9,642 lb.

7) A decrease of 82%

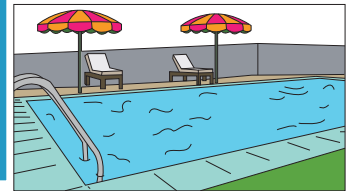
of 34% in 4,000 in.

9) An increase of 69%

of 7% in 8,005 pt.

11) A swimming pool is recycled and the capacity of pool is now?

is recycled and the water does the pool contain



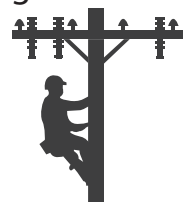
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12) A telephone pole outside Ben's home is 480 inches tall. A hurricane brought it down. It was later replaced by a new pole that was 15% taller than the damaged one. Calculate the height of the new telephone pole.



Name : _____

Answer key

Percent Change

Customary Units: S3

Find the new amount.

- 1) An increase of 15% in 2,900 yd.

3,335 yd

- 2) A decrease of 90% in 1,150 gal.

115 gal

- 3) A decrease of 48% in 7,540 oz.

3,920.8 oz

- 4) An increase of 27% in 6,800 tbs.

8,636 tbs

- 5) An increase of 1% in 1,400.87 qt.

1400.87 qt

- 6) A decrease of 50% in 9,642 lb.

4,821 lb

- 7) A decrease of 82% in 879.48 tsp.

158.28 tsp

- 8) An increase of 34% in 4,000 in.

5,360 in

- 9) An increase of 69% in 6,548.75 fl. oz.

11,067.5 fl. oz.

- 10) A decrease of 7% in 8,005 pt.

7,444.65 pt

- 11) A swimming pool's capacity was 1,200 gallons. After the pool was recycled and the water was removed, the pool contained 10% of its original capacity. How much water does the pool contain now?

120 gal

- 12) A telephone pole outside Ben's home is 480 inches tall. A hurricane brought it down. It was later replaced by a new pole that was 15% taller than the damaged one. Calculate the height of the new telephone pole.

552 inches

