

Taking risks is how we grow.



For # 1 - 10: Find each percent of change. Round to the nearest whole percent if necessary. State whether the percent of change is an increase or decrease.

1. 15 yards to 18 yards
2. 100 acres to 140 acres
3. \$15.60 to \$11.70
4. 125 cm to 87.5 cm
5. 1.6 hours to 0.95 hour
6. 132 days to 125.4 days
7. \$240 to \$320
8. 48 notebooks to 14 notebooks
9. 624 feet to 702 feet
10. \$12 to \$6
11. Three months ago, Benji could walk 2 miles in 40 minutes. Today he can walk 2 miles in 25 minutes.
12. Last year the enrollment of Geneva Middle School was 465 students. This year the enrollment is 525.
13. In 2011, 283 million music CDs were sold. In 2012, 271 million CDs were sold.
14. Suppose the side lengths of this rectangle are doubled.
 - a) Find the percent of change in the perimeter.
 - b) Find the percent of change in the area.
15. The costs of two sound systems were decreased by \$10. The original costs of the systems were \$90 and \$60. Without calculating, which had a greater percent of decrease? Explain.

