# Lesson 8.4 Practice: Percent Increase and Decrease

School Launch · Pre-Algebra · Unit 8: Percent · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 10

Show your work under each problem, one step per line, and check your answer. Word problems: name the unknown, write the equation, solve, and answer in a sentence with units.

**1.** A value changes from $120$ to $84$. Find the percent decrease. EASY

**2.** A value changes from $210$ to $252$. Find the percent increase. EASY

**3.** A value changes from $110$ to $118.8$. Find the percent increase. EASY

**4.** A value changes from $120$ to $110.4$. Find the percent decrease. MEDIUM

**5.** A value changes from $290$ to $324.8$. Find the percent increase. MEDIUM

**6.** A value changes from $20$ to $28$. Find the percent increase. MEDIUM

**7.** A value changes from $130$ to $104$. Find the percent decrease. MEDIUM

**8.** A value changes from $290$ to $232$. Find the percent decrease. HARD

**9.** A price rose from \$210 to \$315. What was the percent increase? Then: if the new price is later cut by that same percent, is it back to \$210? HARD

**10.** A price rose from \$175 to \$227.50. What was the percent increase? Then: if the new price is later cut by that same percent, is it back to \$175? HARD