

GROUP : C

1. A high school orchestra had 73 members last year. This year, the orchestra has 82 members.
Which statement about the percent of change, rounded to the nearest tenth, is true?

☐ The percent of change is 12.3% and is a percent of increase.

☐ The percent of change is 89.0% and is a percent of decrease.

☐ The percent of change is 87.7% and is a percent of decrease.

☐ The percent of change is 11.0% and is a percent of increase.

2. Layla had 18 kg of washing powder. But now she has 11 kg.

What is the percent of decrease in the amount of washing powder?

☐ 7%

☐ 93%

☐ 38.9%

☐ 61.1%

3. Mrs. Noura's monthly phone bill changed from AED 367 to AED 550.
Which statement about the percent of change is true? Round the percent of change to the nearest whole number.

☐ The percent of change is a percent of increase of about 50%.

☐ The percent of change is a percent of increase of about 33%.

☐ The percent of change is a percent of decrease of about 50%.

☐ The percent of change is a percent of decrease of about 33%.

4. Identify which of these changes will have *percents of increase*.

☐ from 184 students to 169 students

☐ from 1,512 m to 1,557 m

☐ from 23 liters to 18 liters

☐ from 32 °C to 29 °C