Al Mawaheb School   Mathematics Worksheet   Grade 9 General
Teacher : Jisha

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