

## WKF F3 Ch4 Percentages II Consolidated Assignment 3

## Grade 9 Mathematics Term 1 Consolidated Assignment 3

Name: \_\_\_\_\_ (\_\_\_\_\_)

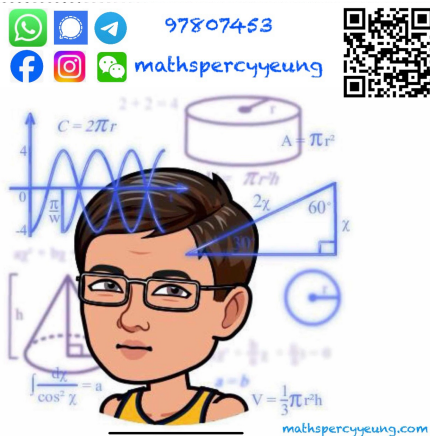
Date: \_\_\_\_\_

Class: \_\_\_\_\_

Grade: \_\_\_\_\_

Content: Ch.4 Percentages (II)

1. An alloy  $A$  contains 35% of zinc by weight. Some alloy  $A$  and pure zinc are melted to form a new alloy that weighs 400 kg and contains 66% of zinc by weight. What are the weights of alloy  $A$  and pure zinc needed to form the new alloy respectively? (Give your answers correct to the nearest kg.)



(Challenging 3A04 e Q.11)

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- This image shows a full page of white paper with horizontal dashed lines, typical of primary school handwriting practice paper. The lines are evenly spaced and run across the entire width of the page. There is no text or other markings on the paper.

**END OF ASSIGNMENT**