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Modified In-School Off-School Approach Modules (MISOSA) Distance Education for Elementary Schools SELF-INSTRUCTIONAL MATERIALS



ADDITION OF DISSIMILAR FRACTIONS AND WHOLE NUMBERS



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Revised 2010

by the Learning Resource Management and Development System (LRMDS), DepEd - Division of Negros Occidental under the Strengthening the Implementation of Basic Education in Selected Provinces in the Visayas (STRIVE).

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ADDITION OF DISSIMILAR FRACTIONS AND WHOLE NUMBERS

Objective: Add dissimilar fractions and whole numbers



Add and reduce the sum to lowest terms.

1) $\frac{3}{11} + \frac{2}{3} =$	2) $\frac{2}{9} + \frac{1}{4} =$	3) $\frac{6}{15} + \frac{1}{3} =$
4) $\frac{4}{7} + \frac{3}{4} =$	5) $\frac{4}{9} + \frac{1}{6}$	



Mang Joaquin painted the fence for 2 hours, the window panes for $\frac{1}{2}$ of an hour and the door for $\frac{1}{4}$ of an hour. How many hours did Mang Joaquin spend painting?

Let's try to picture the problem.





Let us solve the same problem by computation. Study the steps carefully.



The sum is $2\frac{3}{4}$.

Here are other examples for you to study.









A. Write the missing number then add. Reduce your answers to lowest terms.





In adding dissimilar fractions and whole numbers:

- a. align the whole numbers and the fractions separately
- b. change the fractions to similar fractions
- c. add the fractions then the whole numbers
- d. simplify the answer to its lowest term when needed





Add. Reduce your answer to its lowest term.



Check your answer with the answer key. If you get...

- 4-5 Excellent! You can now proceed with the next lesson.
- 3-2 Poor! You need to review the process you missed.
- 0-1 Very poor! You need to repeat the whole process. Ask your teacher or elder to help you.





Key to Correction ADDITION OF DISSIMILAR FRACTIONS AND WHOLE NUMBERS

REVIEW

- 1) $\frac{31}{33}$
- 2) $\frac{17}{36}$
- 3) $\frac{11}{15}$
- 4) 1⁹/₂₈
- 5) $\frac{11}{18}$

TRY THESE

- 1) $8\frac{11}{12}$
- 2) $7\frac{1}{9}$
- 3) 2¹³/₁₄
- 4) $9\frac{13}{20}$
- 5) 8¹⁹/₂₄

ON YOUR OWN

- 1) $5\frac{1}{28}$ 2) $4\frac{4}{9}$ 3) $2\frac{15}{28}$ 4) $6\frac{17}{20}$
- 5) $7\frac{5}{6}$

