

Important Concepts . . .

Preview Review



Mathematics Grade 5 TEACHER KEY

W1 - Quiz

Important Concepts of Grade 5 Mathematics

W1 - Lesson 1	Number Sense Numbers 0 to 100 000
W1 - Lesson 2	Exploring Proper Fractions
W1 - Lesson 3	Exploring Decimals
W1 - Lesson 4	Numbers With Up to 2 Decimal Places
W1 - Lesson 5	Multiplication
W1 - Quiz	
W2 - Lesson 1	Division
W2 - Lesson 2	Collecting Data and Analyzing Patterns
W2 - Lesson 3	Estimating and Taking Measurements
W2 - Lesson 4	Perimeter and Area Measurements
W2 - Lesson 5	Metric Measurements
W2 - Quiz	
W3 - Lesson 1	Volume, Capacity, Mass, and Time
W3 - Lesson 2	2-D Shapes and 3-D Objects
W3 - Lesson 3	Transformations
W3 - Lesson 4	Statistics and Probability
W3 - Lesson 5	Chance and Probability
W3 - Quiz	

Materials Required

Protractor
Ruler
Calculator

A textbook is not
needed.

This is a stand-alone
course.

Mathematics Grade 5

Version 5

Preview/Review W1 - Quiz TEACHER KEY

Publisher: Alberta Distance Learning Centre

Author: Leslie Friesen

In-House Teacher: Sue Rees

Project Coordinator: Dennis McCarthy

Preview/Review Publishing Coordinating Team: Nina Johnson,

Laura Renkema, and Donna Silgard



Alberta Distance Learning Centre has an Internet site that you may find useful. The address is as follows: <http://www.adlc.ca>

The use of the Internet is optional. Exploring the electronic information superhighway can be educational and entertaining. However, be aware that these computer networks are not censored. Students may unintentionally or purposely find articles on the Internet that may be offensive or inappropriate. As well, the sources of information are not always cited and the content may not be accurate. Therefore, students may wish to confirm facts with a second source.

ALL RIGHTS RESERVED

Copyright © 2007, by Alberta Distance Learning Centre, 4601-63 Avenue, Barrhead, Alberta, Canada, T7N 1P4. Additional copies may be obtained from Alberta Distance Learning Centre.

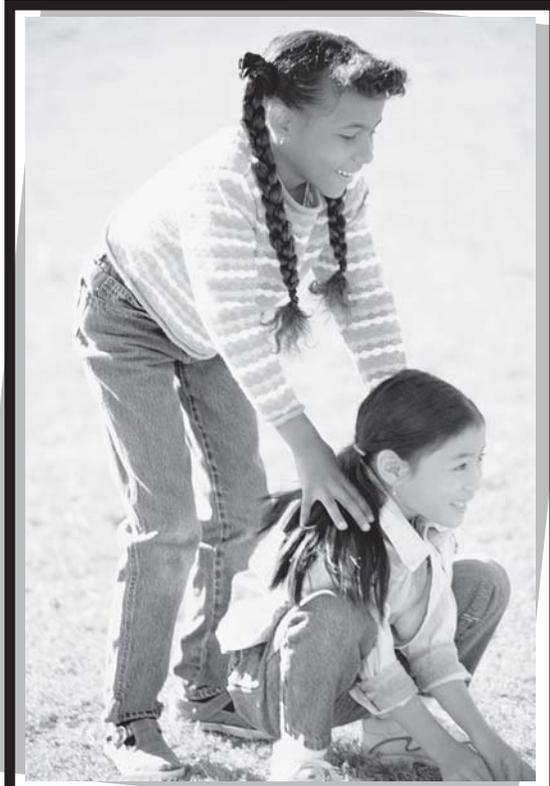
No part of this courseware may be reproduced or transmitted in any form, electronic or mechanical, including photocopying (unless otherwise indicated), recording, or any information storage and retrieval system, without the written permission of Alberta Distance Learning Centre.

Every effort has been made both to provide proper acknowledgement of the original source and to comply with copyright law. If cases are identified where this effort has been unsuccessful, please notify Alberta Distance Learning Centre so that appropriate corrective action can be taken.

IT IS STRICTLY PROHIBITED TO COPY ANY PART OF THESE MATERIALS UNDER THE TERMS OF A LICENCE FROM A COLLECTIVE OR A LICENSING BODY.

Preview/Review Concepts for Grade Five Mathematics

TEACHER KEY



W1 - Quiz

W1 - QUIZ

Part I: W1 - Lesson 1

Print the letter of the BEST answer in the blank before each item.

- B** 1. When 234 029 is converted from standard form to word form, it appears as
- A. 2 hundred 30 four thousand twenty-nine
 - B. two hundred thirty-four thousand twenty-nine
 - C. 234 hundred thousand twenty nine
 - D. two hundred thirty-four thousand zero twenty-nine
- B** 2. When forty million six hundred four thousand nine hundred ten is converted into standard form, the number appears as
- A. 400 604 910
 - B. 40 604 910
 - C. 40 640 910
 - D. 464 910
- D** 3. Which of the following statements is incorrect?
- A. $645\,987 < 698\,541$
 - B. $205.00 = 205$
 - C. $45\,802 > 45\,002$
 - D. $145\,546 < 145\,455$

B 4. Round 349 391 to the nearest ten thousand.

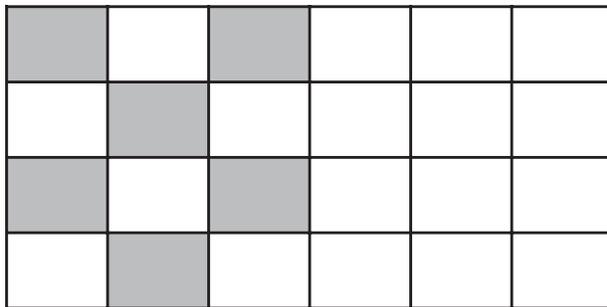
- A. 349 000
- B. 350 000
- C. 349 400
- D. 300 000

D 5. Round 3 618 600 to the nearest hundred thousand.

- A. 3 618 600
- B. 3 619 000
- C. 4 000 000
- D. 3 600 000

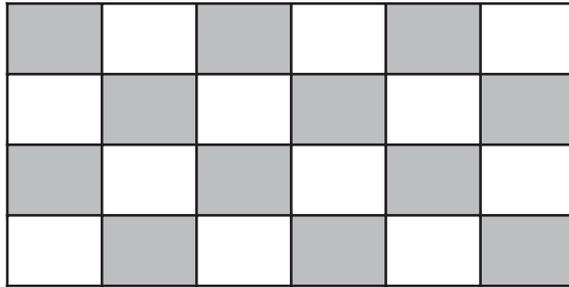
Part II: W1 - Lesson 2

C 1. The fraction of the square that is shaded is best written as



- A. 6
- B. $\frac{1}{3}$
- C. $\frac{1}{4}$
- D. $\frac{1}{6}$

- A 2. When written in simplest form, the fraction of the squares that are shaded is best written as



- A. $\frac{1}{2}$ B. $\frac{12}{24}$
 C. $\frac{24}{48}$ D. $\frac{1}{4}$

3. Write the fraction four-sixteenths in simplest form.

$$\frac{4}{16} \div \frac{4}{4} = \frac{1}{4}$$

Part III: W1 - Lesson 3

1. Write eight and nine hundredths as a decimal.

8.09

2. Write forty-five dollars and fifteen cents as a decimal.

\$45.15

3. To show the following statements as true or false, place a **T** or an **F** on the line beside each equation.

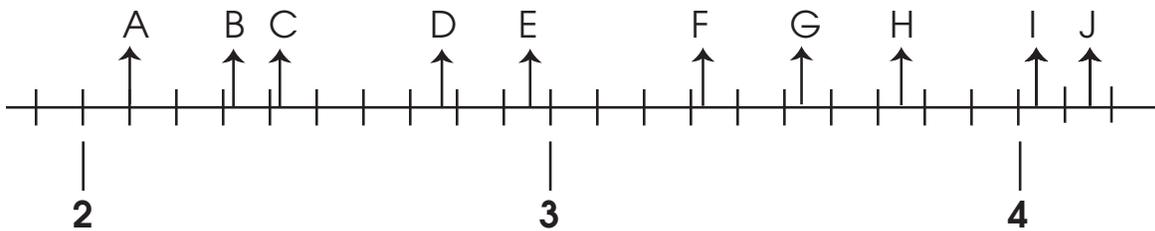
 F A. $5.2 = 5\frac{2}{100}$

 F B. $11.48 > 11.52$

 F C. $\frac{1}{4} < 0.20$

 T D. $25.75 > 25.72$

4. Match the following decimal numbers with the correct position on the number line. Write the correct letters that correspond with the decimal numbers.



2.43 = **C**

3.54 = **G**

2.96 = **E**

4.04 = **J**

3.32 = **F**

5. Write the following fractions as decimals.

a. $\frac{3}{10}$ **0.3**

b. $5\frac{14}{100}$ **5.14**

c. $\frac{9}{100}$ 0.09

d. $\frac{78}{100}$ 0.78

e. $\frac{5}{10}$ 0.5

Part IV: W1 - Lesson 4

1. Solve this equation: $29\,923 + 68\,294 = 98\,217$

2. Solve this equation: $59\,012 - 27\,897 = 31\,115$

3. Solve this equation: $891.50 + 3\,694.6 + 64 + 48.654 = 4\,698.754$

4. When you use front-end estimation, $432 + 756$ is best estimated as
(Circle the best answer.)

A. 1 100

B. 1 150

C. 1 188

D. 1 200

Part V: W1 - Lesson 5

1. Complete as many of the following equations as you can in 3 minutes.
Do those you know first.

$7 + 8 = \underline{15}$

$9 + 2 = \underline{11}$

$4 + 7 = \underline{11}$

$3 + 9 = \underline{12}$

$2 + 5 = \underline{7}$

$4 + 8 = \underline{12}$

$4 + 5 = \underline{9}$

$8 + 3 = \underline{11}$

$3 + 6 = \underline{9}$

$4 + 9 = \underline{13}$

$9 - 8 = \underline{1}$

$7 - 2 = \underline{5}$

$8 - 2 = \underline{6}$

$6 - 3 = \underline{3}$

$5 - 1 = \underline{4}$

$10 - 8 = \underline{2}$

$9 - 9 = \underline{0}$

$8 - 6 = \underline{2}$

$6 - 2 = \underline{4}$

$7 - 4 = \underline{3}$

$2 \times 9 = \underline{18}$

$7 \times 3 = \underline{21}$

$5 \times 6 = \underline{30}$

$4 \times 8 = \underline{32}$

$5 \times 0 = \underline{0}$

$3 \times 3 = \underline{9}$

$2 \times 6 = \underline{12}$

$7 \times 8 = \underline{56}$

$6 \times 9 = \underline{54}$

$3 \times 1 = \underline{3}$

$8 \div 1 = \underline{8}$

$81 \div 9 = \underline{9}$

$56 \div 7 = \underline{8}$

$36 \div 6 = \underline{6}$

$11 \div 0 = \underline{0}$

$24 \div 8 = \underline{3}$

$33 \div 11 = \underline{3}$

$40 \div 5 = \underline{8}$

$63 \div 7 = \underline{9}$

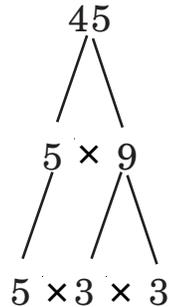
$35 \div 5 = \underline{7}$

2. Circle the numbers that are prime.

1 **2** **3** 4 **5** 6 **7** 8 9 10

3. Create a factor tree to find the prime number factors for 45.

$$5 \times 3 \times 3$$



4. List all the factors for the number 24.

1, 2, 3, 4, 6, 8, 12, 24

5. Find the answer to the following equations

a. $784 \times 14 = 10\ 976$

b. $68 \times 1\ 000 = 68\ 000$

c. $8.2 \times 4.5 = 36.9$

d. $36 \times 10 \times 100 = 36\ 000$

