

Important Concepts . . .

Preview Review



Mathematics

Grade 5

W3 - 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 W3 - Quiz

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

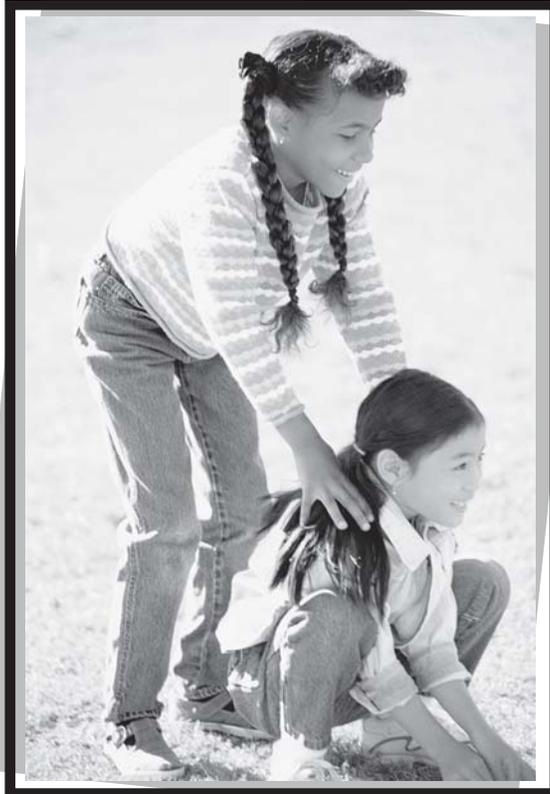
Copyright © 2007, by Alberta Distance Learning Centre, 4601-63 Avenue, Barrhead, Alberta, Canada, T7N 1P4. Additional copies may be obtained from Alberta Distance Learning Centre.

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



W3 - Quiz

W3 - Quiz

Part I: W3 - Lesson 1

1. Nathan needs 1 cup of milk (250 mL) in a cake he is baking for his mother's birthday. Nathan takes a full 4 Litre milk jug from the fridge. How many cups of milk can be poured from the 4 litre jug? Circle the correct answer.
 - A. 4
 - B. 8
 - C. 16
 - D. 20

2. Nathan is making a chocolate cake that requires 60 mL of cocoa.
 - a. If Nathan uses a teaspoon that holds 5 mL, how many scoops must he make to have the required cocoa?

 - b. If Nathan uses a tablespoon that holds 15 mL at one time, how many scoops must he use for the required cocoa?

3. Nathan has 125 cm^3 of shortening, but the recipe calls for 150 mL of shortening. Does Nathan have enough shortening? Explain how you know?

4. Sherry and her family are at the airport waiting for her aunt to arrive from Ottawa. The arrivals board shows that the flight will be arriving at 22:44. What is another way to write this time using the 12-hour clock?
-

5. Evan looked at one of his previous report cards. On the top he saw the date written as 2000-02-05. What day was the report card issued?
-

Part II: W3 - Lesson 2

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

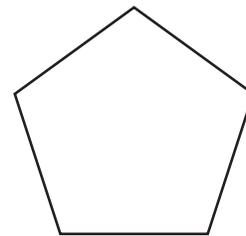
- _____ 1. Which of the following is not a quadrilateral?
- A. kite
 - B. trapezoid
 - C. square
 - D. triangle
- _____ 2. Which of the following has **no** parallel sides?
- A. triangle
 - B. square
 - C. trapezoid
 - D. parallelogram
- _____ 3. A point where two or more edges meet is referred to as a
- A. triangle
 - B. vertex
 - C. face
 - D. prism

- _____ 4. How many faces are on a cube?
- A. 1
 - B. 2
 - C. 4
 - D. 6

Part III: W3 - Lesson 3

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

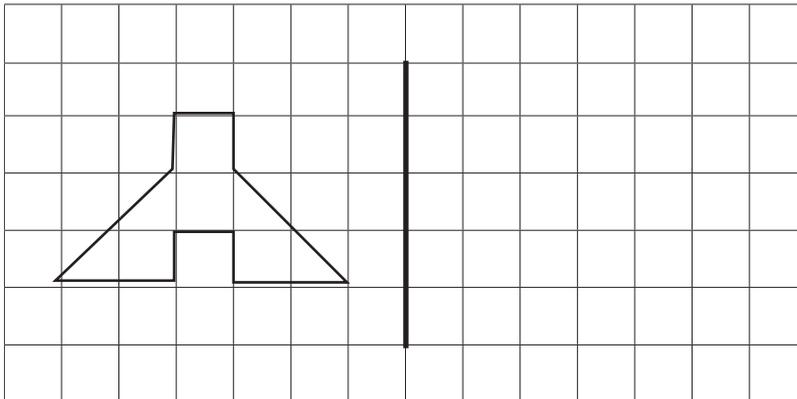
- _____ 1. How many lines of symmetry are on a regular pentagon?
- A. 0
 - B. 1
 - C. 5
 - D. 10



- _____ 2. Which of the following shapes does not tessellate on its own without the use of another shape?
- A. hexagon
 - B. pentagon
 - C. square
 - D. triangle
- _____ 3. Which of the following letters of the alphabet has 2 lines of symmetry?
- A. A
 - B. E
 - C. H
 - D. U

- _____ 4. Ralph wished to conduct a survey in his local town to discover which brand of toothpaste people preferred. To achieve the most random sampling of data, he should
- A. go through the phone book and call 100 homes
 - B. offer free samples to see which brand people took
 - C. survey an elementary school
 - D. find out which toothpaste the local dentist recommended
- _____ 5. All the Grade 5 students were asked to complete a survey to decide where to hold the year-end school activity for all the students in the school. The school has students from kindergarten to Grade 6. In this study, the Grade 5 students are considered to be the
- A. data
 - B. sample
 - C. frequency
 - D. school population
6. Maddison wanted to find out which television shows were the favourites among the students at her school. She decided to survey 10 of her closest friends for their favourite television shows. She presented her results to her class after the survey was complete. Do you think her results fairly represented the favourite shows of her school population? Why or why not?

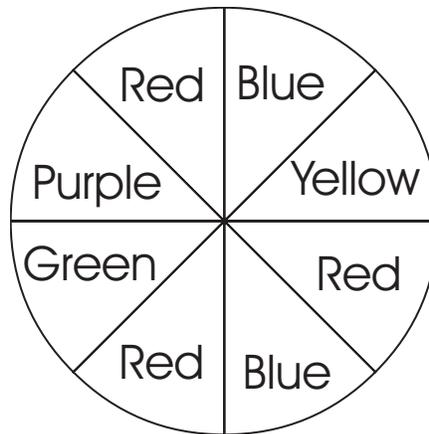
7. Draw this tent as a flipped object.



Part IV: W3 - Lesson 4 and 5

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

_____ 1. What is the probability that the spinner will land on red?



A. $\frac{3}{8}$

B. $\frac{1}{3}$

C. $\frac{3}{3}$

D. $\frac{5}{8}$

- _____ 2. When a coin is flipped, the probability of the coin landing heads up is
- A. 1
 - B. $\frac{1}{2}$
 - C. $\frac{1}{3}$
 - D. $\frac{2}{2}$
- _____ 3. It is _____ for humans to breathe unassisted underwater.
- A. improbable
 - B. impossible
 - C. less likely
 - D. best
- _____ 4. It is _____ for your family to win a national lottery.
- A. improbable
 - B. impossible
 - C. less likely
 - D. best
- _____ 5. When a die is tossed, what is the probability of it showing a six or a lower number?
- A. improbable
 - B. very likely
 - C. impossible
 - D. certain

