



## 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

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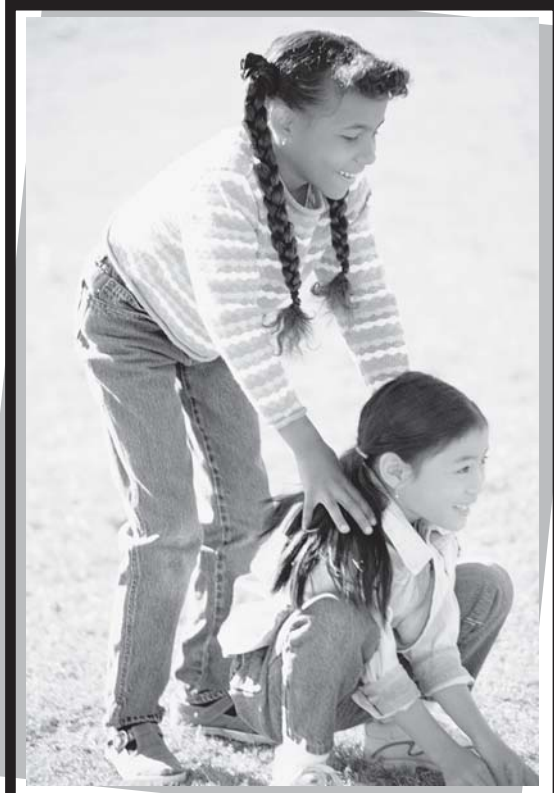
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# Preview/Review Concepts for Grade Five Mathematics

***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.

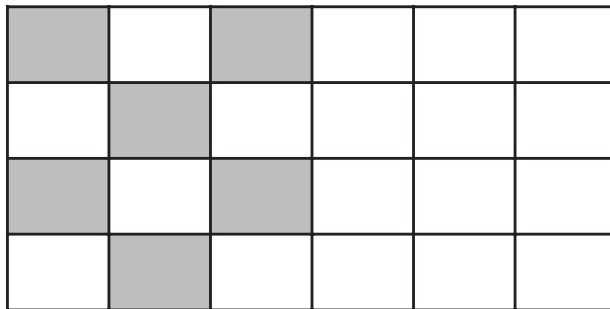
- A. 349 000
- B. 350 000
- C. 349 400
- D. 300 000

**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

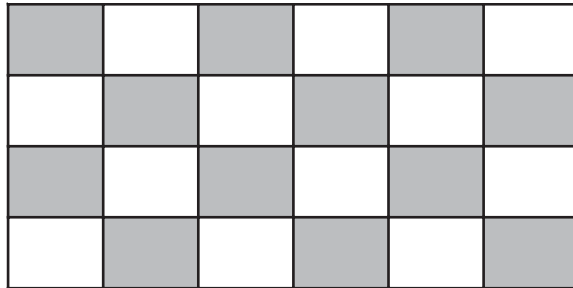
**Part II: W1 - Lesson 2**

**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.

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


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**Part III: W1 - Lesson 3**

1. Write eight and nine hundredths as a decimal.

**8.09**

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

**\$45.15**

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

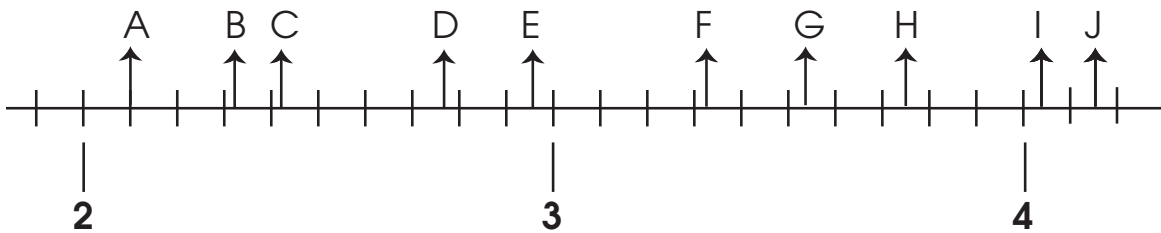
  **F**   A.  $5.2 = 5\frac{2}{100}$

  **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.

$7 + 8 = \underline{15}$

$9 + 2 = \underline{11}$

$4 + 7 = \underline{11}$

$3 + 9 = \underline{12}$

$2 + 5 = \underline{7}$

$4 + 8 = \underline{12}$

$4 + 5 = \underline{9}$

$8 + 3 = \underline{11}$

$3 + 6 = \underline{9}$

$4 + 9 = \underline{13}$

$9 - 8 = \underline{1}$

$7 - 2 = \underline{5}$

$8 - 2 = \underline{6}$

$6 - 3 = \underline{3}$

$5 - 1 = \underline{4}$

$10 - 8 = \underline{2}$

$9 - 9 = \underline{0}$

$8 - 6 = \underline{2}$

$6 - 2 = \underline{4}$

$7 - 4 = \underline{3}$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

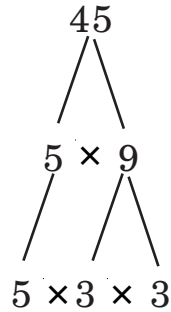
$35 \div 5 = \underline{7}$

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**

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

