

Important Concepts . . .

Preview Review



Mathematics

Grade 4

W1 - Quiz

Important Concepts of Grade 4 Mathematics

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Materials Required

Mathematics Grade 4

Version 5

Preview/Review W1 - Quiz

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Preview/Review Concepts for Grade Four Mathematics



W1 - Quiz

W1 - Quiz**Score: /50**

1. Use the following digits to create each four-digit number below.
(4 marks)

3**6****0****9**

- a. the greatest number
- b. the greatest number with 9 hundreds
- c. the least number with 0 ones
- d. the least number with 0 thousands

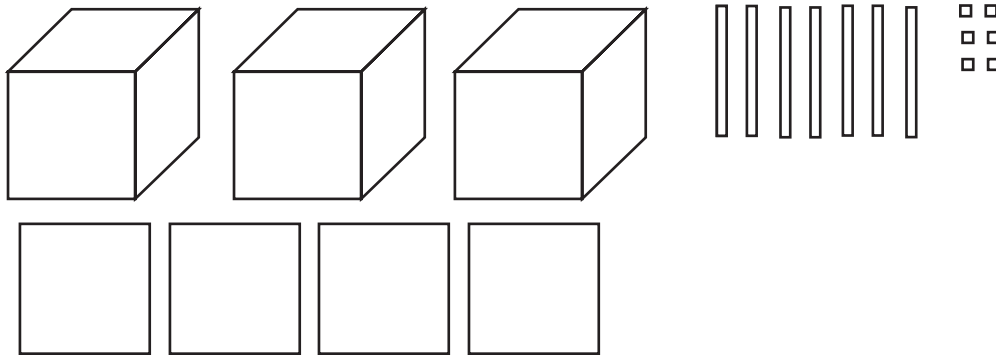
2. Use base ten drawings to show the number 836. (2 marks)

3. Write the number 7 305 in expanded form. (1 mark)

4. Tell the value of each underlined digit. (1 mark)

a. 1 263 _____ b. 3 927 _____

5. Tell what number is shown below. Write the number. Then write the number in words. (2 marks)



Number _____

Number in words _____

6. Compare each of the following pairs of numbers. Use $<$ for *less than* and $>$ for *greater than*. (2 marks)

a. 8 876 _____ 8 778

b. 3 463 _____ 3 643

c. 1 190 _____ 1 109

d. 6 457 _____ 6 547

7. Round each number to the nearest ten, hundred, and thousand.
(3 marks)

	Nearest 10	Nearest 100	Nearest 1000
a. 639	_____	_____	_____
b. 3 584	_____	_____	_____

8. Write the four related number facts for this addition/subtraction fact family. (2 marks)

8, 9, 17

_____	_____
_____	_____

9. Find the sum. Use the reverse operation (subtraction) to check if each answer is correct. (4 marks)

Check

a.
$$\begin{array}{r} \$ 2.53 \\ + 8.98 \\ \hline \end{array}$$

Check

b.
$$\begin{array}{r} 663 \\ + 667 \\ \hline \end{array}$$

10. Find the difference. Use the reverse operation (addition) to check if each answer is correct. (4 marks)

Check

a.
$$\begin{array}{r} 1\ 462 \\ - 923 \\ \hline \end{array}$$

Check

b.
$$\begin{array}{r} \$24.60 \\ - 16.73 \\ \hline \end{array}$$

11. Tell what skip-counting pattern is being used. Then fill in the empty blanks with the missing numbers. (3 marks)

Skip counting by _____

12, 16, 20, _____, _____, 32, _____, 40, _____, 48

12. Complete each T-table. Then write the pattern rule on the line. (such as Add 3, Multiply by 5, etc.) (4 marks)

a. First Number	Second Number	First Number	Second Number
1	2	6	1
2	4	10	5
3	6	14	9
4	_____	18	_____
5	_____	22	_____
10	_____	30	_____

Pattern Rule: _____

Pattern Rule: _____

13. Show the fraction below in two ways. First, shade part of a set of objects. Second, shade part of a whole figure. (2 marks)

Part of a Set

$$\frac{5}{8}$$

Part of a Whole

14. Write each decimal number in the place value chart. Then write the number on the line beside the chart. (4 marks)

a. six hundred thirty-nine and fifteen hundredths

Hundreds	Tens	Ones		Tenths	Hundredths
			●		

The number is _____

b. seventy-two and eight hundredths

Hundreds	Tens	Ones		Tenths	Hundredths
			●		

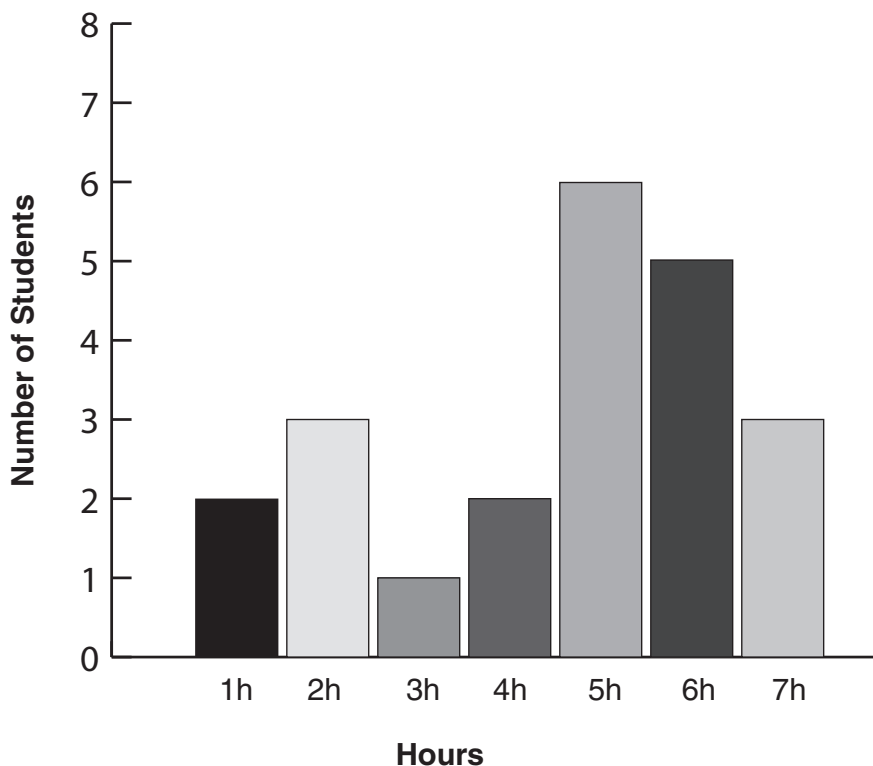
The number is _____

15. Complete the chart below by filling in the correct fraction, decimal, or written number. (3 marks)

FRACTION	DECIMAL NUMBER	NUMBER IN WORDS
$\frac{65}{100}$	0.65	
$\frac{3}{10}$		
$\frac{8}{100}$		eight hundredths

16. Use the data about homework from this bar graph to answer the following questions. Be sure to study the bar graph carefully before answering the questions. (4 marks)

Time Spent on Homework Last Week by Grade Fours



- a. How many students are in this Grade Four class? _____
- b. What is the most hours that any of the students spent doing homework during the week? _____
- c. What is the least hours that any of the students spent doing homework during the week? _____
- d. How many hours a week did the largest group spend on homework?

17. Solve the following problem using the *Guess-and-Check* Strategy.

A gym storage bin contains 50 balls. Some are red and some are green. There are 22 more red balls than green balls. How many green balls and how many red balls are there? (5 marks)

Hint: Think of the problem this way.

Number of
Green Balls

+

Number of
Red Balls

=

Total Number
of Balls

You may have to make several guesses.

Answer to the problem: _____

