

First Term Evaluation

2022-2023 AY

Grade 4

Mathematics

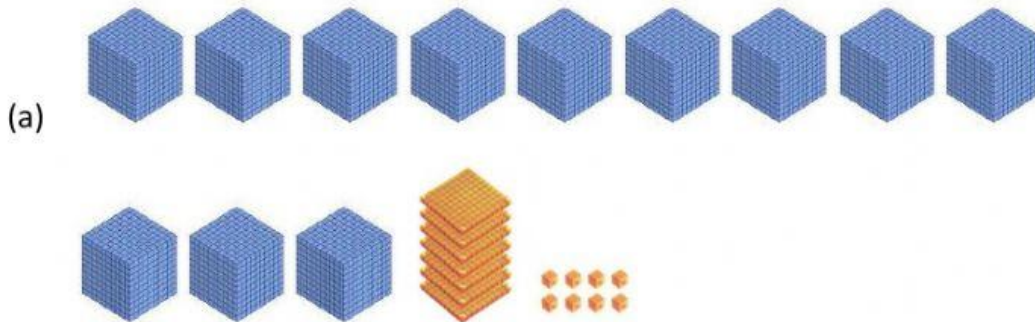
Time allowed: 1:30 hr

Name _____

Date _____

I. 1. Count the base ten blocks.

(10 mks)



1000, 2000, _____, _____, _____, _____, _____, _____, _____,
_____, _____, _____, ... 12100, _____, _____, _____,
_____, _____, _____,12701, _____, _____, _____,
_____, _____, _____, _____.

There are _____ blocks.

Is the number of blocks even or odd? _____

(b) Number possibilities: 54 , 60 , 135 , 75 , 180

Number Clues:

Clue#1: It has 5 as a factor.

Clue#2: It has a multiple of 3.

Clue#3: It is not a multiple of 10.

Clue#4: The sum of the digits is 9.

The answer number = _____

(c)

Cross-Number Puzzle

Rewriting words as
numbers; place value

Change each number below to its numerical form and write your answer in the appropriate across or down position.

ACROSS

1. Four thousand seven hundred three
3. Two thousand four hundred thirty-five
4. Five thousand nine
5. One hundred sixty-four thousand five hundred ninety-three
6. Six hundred four thousand five hundred ninety
7. Eighty-five thousand three hundred ninety-six
11. Five hundred forty-six thousand three hundred seventy-one
12. Three hundred forty-eight thousand seven

DOWN

1. Four hundred ninety-three thousand six hundred sixty-six
2. Fifty thousand nine hundred thirty
4. Fifty-six thousand nine hundred thirty-four
6. Six thousand four hundred fifty-one
8. Nine thousand four hundred forty-three
9. Twenty-five thousand seven hundred ninety-three
10. Eighty-one thousand two hundred forty-seven

The grid is a crossword puzzle layout. The numbered starting points are as follows:

- Across:**
 - 1: Row 2, Column 5
 - 3: Row 3, Column 1
 - 4: Row 3, Column 7
 - 5: Row 4, Column 1
 - 6: Row 5, Column 5
- Down:**
 - 2: Row 2, Column 9
 - 7: Row 3, Column 5
 - 8: Row 3, Column 7
 - 9: Row 4, Column 1
 - 10: Row 4, Column 9
 - 11: Row 5, Column 1
 - 12: Row 6, Column 1

II.1. Arrange the numbers.

(2 mks)

31,247

74,321

74,123

74,231

_____, _____, _____, _____
smallest

_____, _____, _____, _____
greatest

2 . Fill in the blanks.

(2 mks)

- (a) 1 more than 73,499 is _____.
- (b) 10 less than 50,407 is _____.
- (c) 100 more than 69,430 is _____.
- (d) 1000 less than 98,132 is _____.

3. Complete the following number patterns.

(3 mks)

- (a) 43670 , 44670 , _____ , _____ , 47670
- (b) 12465 , 12365 , 12265 , _____ , _____
- (c) 47930, 47933, 47931, 47934, 47932, _____ , _____ , 47936

4. Solve the followings.

(9 mks)

(a) Complete the table.

Mass in g	3400 g	4700 g	9800 g
Mass in kg			
Rounding to nearest kg			

(b)  -  = _____

(c) $\frac{7}{9}$ of 10,863 = _____

(d) $37,459 + 62,649$

	Ten Thousands	Thousands	Hundreds	Tens	Ones

(e) $73,209 - 25,724$

	Ten Thousands	Thousands	Hundreds	Tens	Ones

(f) $4,035 \times 6$

	Ten Thousands	Thousands	Hundreds	Tens	Ones

(g) $9.72 - 2.765$

	Ones	Decimal point	Tenths	Hundredths	One-Thousandths

5.

(7 mks)

Remainders

 1-digit divisors/
3-digit quotient


Solve the division problems below. Each answer has a remainder. Write the remainder **in words** in the puzzle below. The clue above the problem tells you where the remainder should go.

1 ACROSS

$$9 \overline{) 708}$$

1 DOWN

$$8 \overline{) 743}$$

2 ACROSS

$$7 \overline{) 341}$$

2 DOWN

$$5 \overline{) 249}$$

3 ACROSS

$$8 \overline{) 555}$$

3 DOWN

$$5 \overline{) 452}$$

4 DOWN

$$9 \overline{) 611}$$

5 ACROSS

$$8 \overline{) 713}$$

6 ACROSS

$$5 \overline{) 192}$$

7 ACROSS

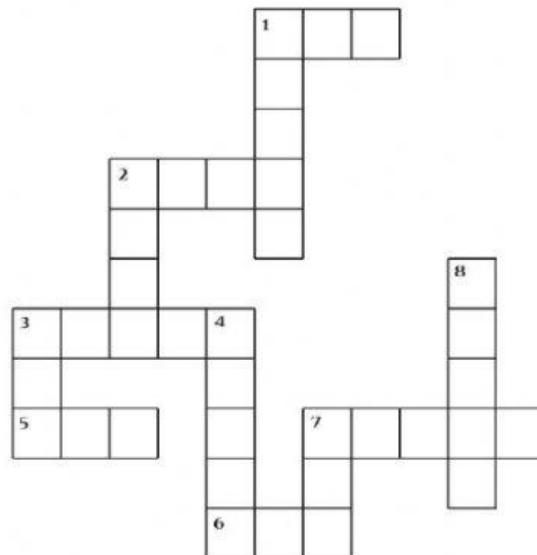
$$7 \overline{) 675}$$

7 DOWN

$$9 \overline{) 587}$$

8 DOWN

$$8 \overline{) 711}$$



III. (a)

(20 mks)

Links



Addition, subtraction,
multiplication, and
division review

Solve each problem by working from left to right.
When you finish a problem, locate the answer in a
box below, then write the letter above the answer. If
the answer appears in more than one box, fill in each
one with the same letter.

- Take 48 → Multiply by 8 → Subtract 64 → Divide 4 = _____ = N
- Take 408 → Add 72 → Divide by 5 → Subtract 19 = _____ = A
- Take 937 → Subtract 83 → Divide by 7 → Multiply by 9 = _____ = D
- Take 396 → Divide by 6 → Add 48 → Subtract 78 = _____ = S
- Take 407 → Add 49 → Divide by 4 → Subtract 70 = _____ = L
- Take 596 → Multiply by 9 → Subtract 64 → Divide by 5 = _____ = B
- Take 486 → Divide by 6 → Add 40 → Multiply by 7 = _____ = G
- Take 784 → Subtract 229 → Divide by 5 → Add 72 = _____ = U
- Take 420 → Add 777 → Subtract 42 → Divide by 5 = _____ = Y
- Take 92 → Multiply by 8 → Subtract 1 → Divide by 7 = _____ = O

What strange children live in the ocean?

1,060	183	105	231	36

77	80	1,098

847	183	44	44	36

(b)

(7 mks)

Decimal Match

Equivalent fractions
and decimals

Hint:

Write the
expression
as a fraction first!
For example: $7/10 = 0.7$

Write the answer to each decimal expression in the space provided. Find your answer in one of the boxes at the bottom of the page. In the correct box, write the word that matches your answer. Once you have filled in all the boxes, you will discover the answer to the following riddle:



How do we know football referees are happy?

- | | | | | | | |
|----------------------------------|---|-------|---|-------|---|----------|
| 1. Three tenths | = | _____ | = | _____ | = | Happy |
| 2. Thirteen and one thousandth | = | _____ | = | _____ | = | Know |
| 3. Four and four hundredths | = | _____ | = | _____ | = | Are |
| 4. Seven and fifteen thousandths | = | _____ | = | _____ | = | Always |
| 5. Thirteen and one hundredth | = | _____ | = | _____ | = | While |
| 6. Four and four thousandths | = | _____ | = | _____ | = | They |
| 7. Three hundredths | = | _____ | = | _____ | = | Referees |
| 8. Thirteen and one tenth | = | _____ | = | _____ | = | They |
| 9. Four and forty thousandths | = | _____ | = | _____ | = | We |
| 10. Thirteen and ten hundredths | = | _____ | = | _____ | = | Work |
| 11. Four and four tenths | = | _____ | = | _____ | = | Because |
| 12. Seven and fifteen hundredths | = | _____ | = | _____ | = | Whistle |

4.040	13.001	0.03	4.04
0.3	4.4	4.004	7.015
7.15	13.01	13.1	13.10 •

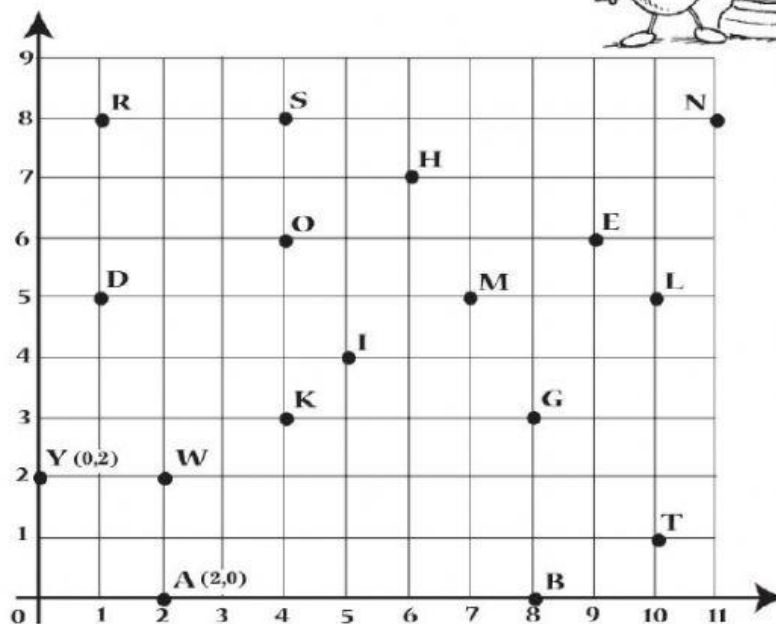
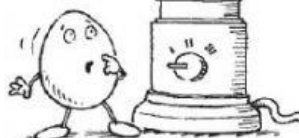
(c)

(5mks)

Hidden Question and Answer #1

Locating
ordered
pairs

Read the ordered pairs (for example, 0,2) listed in the code boxes below. Find the letter of the alphabet that names each point given. Write the correct letter in the box above the ordered pair. Reveal a hidden question and answer.



Question

(2,2)	(6,7)	(2,0)	(10,1)

(1,5)	(5,4)	(1,5)

(10,1)	(6,7)	(9,6)

(9,6)	(8,3)	(8,3)

(4,8)	(2,0)	(0,2)

(10,1)	(4,6)

(10,1)	(6,7)	(9,6)

(8,0)	(10,5)	(9,6)	(11,8)	(1,5)	(9,6)	(1,8)

?

Answer

(5,4)	(4,3)	(11,8)	(4,6)	(2,2)

(2,2)	(6,7)	(9,6)	(11,8)

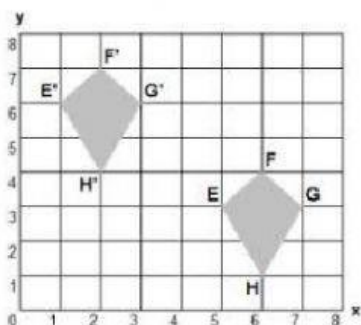
(5,4)	(7,5)

(8,0)	(9,6)	(2,0)	(10,1)	(9,6)	(11,8)

IV.

(5 mks)

(a) Choose the triangle which has one obtuse angle.



- (b) The shape EFGH has been translated _____ squares to the left and _____ squares up.
- (c) Colour the blank squares to make the given pattern symmetrical.

