



YOUNG LIVES SCHOOL SURVEY

**PERU
ROUND 1 (2011)**

**CHILD MATHS TEST
5TH GRADE
(ENGLISH TRANSLATION)**

Please refer to accompanying justification documents for further details on the development and use of the Young Lives school survey questionnaires.

Young Lives School Survey - Peru

Mathematics Exercises

5th grade

STUDENT AND SCHOOL INFORMATION

0.1	School name and/or number	_____
0.2	School ID	[___]
0.3	School shift	[___] 01=Morning 02=Afternoon
0.4	Student names and surnames	_____
0.5	Student ID	[___ - ___]
0.6	Class ID	[___]

DATA HANDLER INFORMATION

Field worker	Names and Surnames: _____	Code: [___]
	Signature: _____	Date of application: ___ / ___ / _____ dd/mm/yyyy
	At what time did you start the questionnaire?	[___ : ___]
	At what time did you finish the questionnaire?	[___ : ___]
Supervisor	Names and Surnames: _____	Code: [___]
	Signature: _____	Date of check: ___ / ___ / _____ dd/mm/yyyy

DATA ENTRY INFORMATION

Data entry clerk (first data entry)	Names and Surnames: _____	Code: [___]
	Signature: _____	Date of first data entry: ___ / ___ / _____ dd/mm/yyyy
Data entry clerk (second data entry)	Names and Surnames: _____	Code: [___]
	Signature: _____	Date of second data entry : ___ / ___ / _____ dd/mm/yyyy

INSTRUCTIONS MATHEMATICS

- Read each question carefully and answer the best you can.
- If you take too long on a question, go to the next one. When you finish you can go back to the ones you haven't answered.
- Mark all your answers in the booklet.

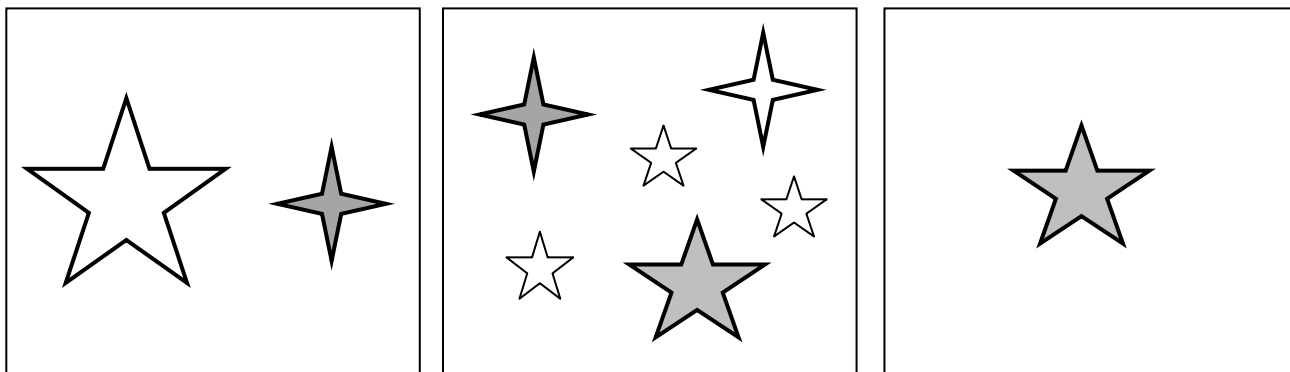
You will find several types of questions in the booklet. Let's take a look:

Question 1

In this type of question you will have to look at the pictures and then mark the box with the correct answer. There is only one correct answer.

Example:

1. Mark with an X the box with more stars.





Question 2

There are questions in which you will have to look at the pictures and then write in the empty box the number of pictures that you see.

Example:

Complete the table writing the number of cars that you see. Follow the example of the first box.

Example:	1	
2.		

Question 3

In this type of questions you will have to see the pictures and then mark the correct picture inside the box to complete the series. There is only one correct answer.

Example:

Mark with an X the picture in the box that completes the series. There is only one correct answer.

3.  

Question 4

In this type of question you will have to write in digits the number that you are asked.

Example:

Write in digits the number that corresponds to the following expression.

4. **Three** \longrightarrow

Question 5

There are questions in which you have to mark the number that you are asked.

Example:

5. Mark with an X the number five.

6 ; 3 ; 5

Question 6

In other questions, you will have to solve the exercise by filling the correct answer in the blank space.

Example:

Write the correct number in the blank space to complete the series.

6. **1 ; 2 ; 3 ;**

Question 7

There are also questions in which you will have to solve the exercise and then mark the option that has the correct answer. There is only one correct answer.

Example:

Solve the exercise and mark with an X the correct answer:

7. **1 + 1 =**

- A) 22
- B) 4
- C) 2

Question 8

In this type of question you will have to solve the exercise and write the correct answer in the blank space.

Example:

Write the answer in the blank space. You may use the extra space on the side to make your calculations.

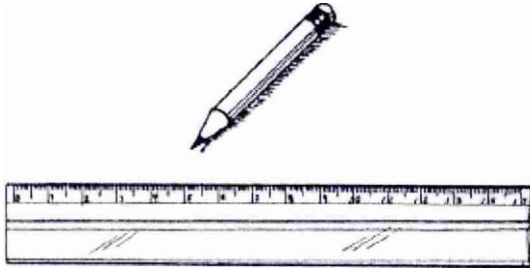
8. **2 +**
 1

Question 9

There are some questions in which you will have to draw a line to relate one column with the next one.

Example:

9. Draw a line to connect each picture with the word that relates to it.



ruler

pencil

notebook

Question 10

There are also questions where you need to fix the order of the numbers from lowest to highest, placing the correct order on the blank lines.

Example:

10. Fix the order of the following numbers from **LOWEST** to **HIGHEST**:

2

4

1

3

Lowest

Highest



Question 11

Finally, there are exercises where you have to solve the problem by placing your calculations in the blank space and then writing your answer on the line.

Example:

11. Daniel and Carmen bought pencils. Daniel bought 1 pencil and Carmen bought 2. How many pencils do they have between the both of them?

Write you procedure here.

Answer: _____

STOP, WAIT DIRECTIONS TO BEGIN.

YOU MAY BEGIN NOW.

Draw a line to connect each number with its equal:

1. **802**

$$800 + 20 + 2$$

2. **820**

$$800 + 20$$

3. **822**

$$800 + 2$$

$$80 + 2$$

4. Solve:

$$945 + 75 + 1\,528$$

Write your procedure here

Answer: _____

Fill in the blank spaces to complete the exercises. You may use the extra space on the side to make your calculations.

5. **4 000 -** **= 1 500**

6. Solve:

$$19\ 478 - 5\ 201 - 6\ 307$$

Write your procedure here

Mark with an X the correct answer.

- A) 7 970
- B) 8 970
- C) 12 177
- D) 14 277

19. Rosa paid with S/. 50.00 for the purchase of the skirt and the shirt shown next:



s/. 28.00



s/. 15.00

How much change did she get in return?

Write your procedure here

Answer: _____

8. A bakery sold 458 breads during the morning and during the afternoon they sold 149 breads less than the morning. How many breads did they sell in total that day?

Write your procedure here

Mark the correct answer with a cross (X).

- A) 767
- B) 777
- C) 607
- D) 309

Solve the following exercises and write the answer on the line. You may use the extra space on the side to make your calculations.

9.

$$\begin{array}{r} 304 \times \\ \underline{20} \end{array}$$

Answer: _____

10.

$$270 \overline{) 4}$$

Answer: _____

11. Solve:

$$10 + 5 \times 3$$

Write your procedure here

Answer: _____

12. Solve:

$$22 - 8 \div 2$$

Write your procedure here

Answer: _____

13. Marco sold 35 eggs. Lucía sold 7 times the amount of eggs that Marco sold. How many eggs did Lucía sell?

Write your procedure here

Answer: _____

14. Mr. Pablo distributes 84 seeds between 4 kids. Each kid received the same amount of seeds. How many seeds did each kid receive?

Write your procedure here

Answer: _____

15. Susana needs 3 balls of wool to knit a hat and 6 balls of the same wool to knit a sweater. How many balls of wool will she have to use in total to knit 3 hats and 2 sweaters?

Write your procedure here

Answer: _____

16. Arturo worked for 5 days in the market. He received 20 soles for every day that he worked. If he also has 24 soles saved from before, how much money does he have in total?

Write your procedure here

Mark with an X the correct answer.

- A) 44 soles
- B) 49 soles
- C) 100 soles
- D) 124 soles

17. Miguel bought 96 chickens and distributed them equally among 4 cages. If 8 chickens escaped from one of the cages, how many chickens are left in that cage?

Write your procedure here

Mark with an X the correct answer.

- A) 88 chickens
- B) 24 chickens
- C) 22 chickens
- D) 16 chickens

Draw a line to connect the amount of money represented in each picture with the number that represents that amount.

18.



50.00

19.



5.60

0.50

20.



55.00

21. Solve:

$$65.827 + 63.503 - 100.298$$

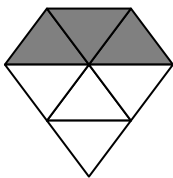
Write your procedure here

Mark with an X the correct answer.

- A) 29.032
- B) 29.168
- C) 102.623
- D) 129.330

Draw a line to connect each figure with the fraction that corresponds to the gray area:

22.



$$\frac{2}{5}$$

23.



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

$$\frac{3}{7}$$

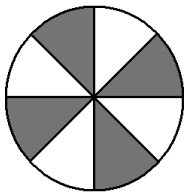
24.



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

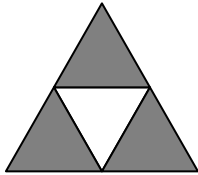
Draw a line to connect each figure with the name of the fraction that corresponds to the gray area:

25.



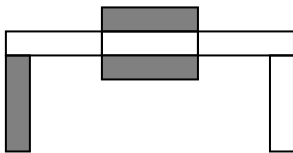
Three sevenths

26.



Three quarters

27.



Four eights

28. Solve:

$$\frac{5}{6} - \left(\frac{1}{6} + \frac{2}{6} \right)$$

Write your procedure here

Answer: _____

29. Solve:

$$\frac{1}{4} + \frac{2}{8} =$$

Write your procedure here

Answer: _____

21. Bertha paid S/. 22.50 for a skirt and S/. 18.00 for a blouse. If she paid with a S/. 100 bill, how much change did she get in return?

Write your procedure here

Answer: _____

31. Pedro, Juan and Eva collected S/. 75.60. Peter gave S/. 15.60 and Juan, S/. 27.50. How much money did Eva give?

Write your procedure here

Mark with an X the correct answer.

- A) S/. 32.50
- B) S/. 43.10
- C) S/. 47.50
- D) S/. 118.70

32. Mark with an X the correct equality. You may use the extra space on the side to make your calculations.

A) $\frac{8}{10} = 0.08$

B) $\frac{8}{10} = 8.10$

C) $\frac{8}{10} = 0.80$

D) $\frac{8}{10} = 0.801$

34. Teresa bought 0.5 liters of milk. How much milk does she have to buy to complete 1 liter?

Write your procedure here

Mark with an X the correct answer.

A) $\frac{1}{4}$ of a liter

B) $\frac{1}{10}$ of a liter

C) $\frac{1}{2}$ a liter

34. In a store, a kilo of beans costs S/. 1.50 and a box of matches costs S/. 0.50. How much will 4 kilos of beans cost?

Write your procedure here

Mark with an X the correct answer.

- A) S/. 1.50
- B) S/. 2.00
- C) S/. 4.00
- D) S/. 6.00