

Mathematics Younger Cohort

Student Information

Names and Surnames: _____

Child ID: PE _____

School name and/or number: _____

General Data

(To be filled by fieldworker)

Fieldworker's name: _____

Fieldworker's code: ____

Location: _____

Date (dd/mm/yy): ____ / ____ / ____

Start time: ____ : ____ Finish time: ____ : ____

Data Entry Information

(To be filled by the data entry clerk)

Data entry clerk's name : _____

Data entry clerk's code: ____

Date (dd/mm/yy): ____ / ____ / ____

INSTRUCTIONS

- 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.
- Remember to mark all your answers in the booklet.
- In each question there is only one correct answer.
- You may use the extra space on the side to make your calculations.
- You will have up to 40 minutes to answer these questions.

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

Question 1

There are questions in which you will have to solve the exercise and then write the correct answer in the blank space.

Example:

Solve the exercise and write the correct answer in the blank space.

$1 + 1 =$

$1 + 1 = 2$

Question 2

There are questions in which you will have to solve the exercise and then mark the option that has the correct answer with an X.

Example:

Solve $2 + 2$. Mark with an X the correct answer.

a. 2

b. 3

c. 4

d. 5

$2 + 2 = 4$

Question 3

Finally, there are questions where you have to read carefully a math problem, solve it and then mark the correct answer with an X.

Example:

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

a. 3 pencils

b. 2 pencils

c. 5 pencils

d. 1 pencil

$$1 + 2 = 3$$

STOP, WAIT DIRECTIONS TO BEGIN.

YOU MAY BEGIN NOW

1. Write the correct answer in the space:

$6 \div 3 =$

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Write the correct answer in the space.

4. $48 \times 5 =$

5. $52 - 7 =$

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7. $27 \div 3 =$

8. $49 - 28 =$

9. $243 + 176 =$

10. $45 \div 15 =$

11. $112 + 45 + 467 =$

12. Solve $35678 - 29142$. Mark the correct answer with an X (there is only one correct answer).

a. 16 536

b. 64 820

c. 54 736

d. 6 536

13. Solve 921×123 . Mark the correct answer with an X (there is only one correct answer).

a. 113 283

b. 5 526

c. 102 283

d. 942 183

Write the correct answer in the space.

14. $18.23 - 0.2 =$

15. 25% de 240 =

16. $9.81 + 7.62 =$

17. $\frac{9}{8} \times \frac{2}{3} =$

18. Solve 3.5×2.4 . Mark the correct answer with an X (there is only one correct answer).

a. 0.84

b. 2.10

c. 84.0

d. 8.40

19. Solve $0.624 \div 1.04$. Mark the correct answer with an X (there is only one correct answer).

a. 0.06

b. 0.60

c. 60

d. 6

Read carefully and mark the correct answer with an X for each question (there is only one correct answer).

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24. Maria has 6 red boxes. Each box has 4 pencils inside. She also has 3 blue boxes. Each blue box has 2 pencils inside. How many pencils does Maria have altogether?

a. 36

b. 15

c. 24

d. 30

25. There are 36 passengers on a bus. The ratio of children to adults on the bus is 5 to 4. How many children are on the bus?

a. 9

b. 16

c. 20

d. 24

Read carefully the Text and mark the correct answer with an X for each question.

TEXT 1

Below is a receipt that [Oscar] received after making a purchase in a cloth shop. There are some blank spaces in the receipt where information is missing. Read carefully.

[Kathy´s] Shop		RECEIPT N° 0568 Date: October 4th, 2012		
No. of items	DESCRIPTION	UNIT PRICE	LINE TOTAL	DISCOUNT
10	Trousers	[\$12]	[\$ 120]	[\$ 24]
25	T-shirts	[\$ 13]	[\$ 325]	No discount
78	Socks	[\$ 4]	[\$ 312]	[\$ 35]
37	Dresses	[\$ 20]	[\$ 740]	No discount
49	Skirts	[\$ 8]	[\$ 392]	[\$ 33]
			<input type="text"/>	[\$ 92] TOTAL DISCOUNT
			SUBTOTAL	
			TOTAL	<input type="text"/>

Based on the receipt, answer the following questions by marking the correct answer with an X. (there is only one correct answer for each question).

26. How many items did [Oscar] buy?

- a. 199
- b. 209
- c. 198
- d. 208

27. [Andrea] wants to buy 38 T-shirts. How much will she pay?

a. [\$ 325]

b. [\$ 494]

c. [\$ 484]

d. [\$ 304]

28. How much did [Oscar] spend in [Kathy's] shop?

a. [\$ 1982]

b. [\$ 1889]

c. [\$ 1981]

d. [\$ 1797]

29. [Oscar] bought t-shirts and socks. How much more did [Oscar] spend on t-shirts than on socks?

a. [Oscar] spent [\$ 13] more buying t-shirts than socks

b. [Oscar] spent [\$ 23] more buying t-shirts than socks

c. [Oscar] spent [\$ 58] more buying t-shirts than socks

d. [Oscar] spent [\$ 48] more buying t-shirts than socks

YOU HAVE FINISHED THE EXERCISES. THANKS!