ETHIOPIA SCHOOL SURVEY
RETEST 2013

PUPIL MATHS TEST

ENGLISH
## YOUNG LIVES ETHIOPIA SCHOOL SURVEY RETEST 2013

### PUPIL MATHS TEST

**ENGLISH**

**45 MINUTES ALLOWED**

**NO CALCULATORS**

---

**FIELDWORKERS COMPLETE THE FOLLOWING:**

<table>
<thead>
<tr>
<th>Fieldworker</th>
<th>Code: [ ___ ___ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name:</td>
<td></td>
</tr>
<tr>
<td>Signature:</td>
<td></td>
</tr>
</tbody>
</table>

Date of check:

___/___/_______ dd/mm/yyyy

---

**If this instrument is not completed, why?** (if completed, leave blank)

01= respondent absent; 02= respondent refused to participate

---

**DATA HANDLERS COMPLETE THE FOLLOWING:**

Data entry clerk (first data entry)

<table>
<thead>
<tr>
<th>Name:</th>
<th>Code: [ ___ ___ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signature:</td>
<td></td>
</tr>
</tbody>
</table>

Date of first data entry:

___/___/_______ dd/mm/yyyy

---

Data entry clerk (second data entry)

<table>
<thead>
<tr>
<th>Name:</th>
<th>Code: [ ___ ___ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signature:</td>
<td></td>
</tr>
</tbody>
</table>

Date of first data entry:

___/___/_______ dd/mm/yyyy
1. Which of these is equal to 342?
   a. 3000 + 400 + 2
   b. 30 + 40 + 2
   c. 300 + 40 + 2
   d. 3 + 4 + 2

2. Put these numbers in ascending order:
   19, 6, 2, 11
   1. 2, 6, 11, 19
   2. 19, 2, 6, 11
   3. 6, 2, 19, 11
   4. 11, 19, 6, 2

4. 2 + 3 = ____________
   a) 5
   b) 1
   c) 6
   d) 3
5. 9 \times 2 =
   a) 18
   b) 11
   c) 7
   d) 17

6. 15 + 12 – 3 =
   a) 30
   b) 0
   c) 24
   d) 27

8. Tamiru has 5 Birr. His mother takes 4 Birr. How many Birr does Tamiru have left?
   a) 9 Birr
   b) 5 Birr
   c) 4 Birr
   d) 1 Birr
9. 9 Birr - 6 Birr = ________Birr?
a) 3 Birr  
   b) 15 Birr  
   c) 54 Birr  
   d) 16 Birr

10. Which is half of 6?
   a) 12  
      b) 3  
      c) 2  
      d) 4

11. Which number is closest to 900,000?
   a) 203,000  
      b) 413,000  
      c) 878,000  
      d) 823,000

12. 85 x 5 =
   a) 425  
      b) 405  
      c) 4025  
      d) 90

13. 2.34 + 7.65 =
   a) 99.9  
      b) 0.99  
      c) 9.99  
      d) 999
15. What part is shaded?

- [ ] a) 1/4
- [ ] b) 3/4
- [ ] c) 1/2
- [ ] d) 1

16. Which difference is closest to 300,000?

- [ ] a) 100,000 - 50,000
- [ ] b) 500,000 - 300,000
- [ ] c) 900,000 - 800,000
- [ ] d) 800,000 - 100,000

17. \[
\begin{array}{c}
2488 \\
\div \\
8 \\
\end{array}
\]

- [ ] a) 11
- [ ] b) 311
- [ ] c) 2480
- [ ] d) 2496
18. 2 kilograms = _______ grams
a) 2  
   
   
   
   
   b) 20  
      
      
      
      
   c) 200  
      
      
      
      
   d) 2000  
      
      
      
      

This redacted item was taken from TIMSS 2003 Released Items: Fourth Grade Mathematics (Unique ID: M031310).


Publisher: TIMSS & PIRLS International Study Center, Lynch School of Education, Boston College.

20. What is the value of the number ‘2’ in the number 928?
   a) 20  
      
      
      
      
   b) 2  
      
      
      
      
   c) 200  
      
      
      
      
   d) 2000  
      
      
      
      

21. What is the average of 10, 12, 18 and 24?
   a) 64  
      
      
      
      
   b) 16  
      
      
      
      
   c) 54  
      
      
      
      
   d) 60  
      
      
      
      

- 7 -
22. Calculate the perimeter of the following rectangle:

![Rectangle with dimensions 6cm by 12cm]

- a) 18cm
- b) 72cm
- c) 36cm
- d) 24cm

23. \[4.465 \, \text{–} \, 1.286 = \, \underline{\text{_______}}\]

- a. 5.751
- b. 3.189
- c. 3.179
- d. 3.279

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. What is the area of the square below:

![Square with side length 12 cm]

- a. 24 cm\(^2\)
- b. 48 cm\(^2\)
- c. 144 cm\(^2\)
- d. 240 cm\(^2\)