

Placement Test Level (3) – Introduction

Math Lessons for a Living Education teaches math in a unique way—these placement tests will guide you in determining the best level in which to place your student.

Each placement test contains the skills and concepts your student must know and understand **in order to enter that level**. These are the prerequisite skills your child must understand in order to begin each level the test is for.

As your student works through these tests, make sure they understand:

- **How** each process is performed
- **Why** each process works

As your student completes each problem, ask them to **show** or **tell** you what they are doing and why they are doing it. Future success in mathematics relies upon your student understanding both the why and how of math.

Example placement scenarios

If your student can . . .

- Easily pass the test for Level 3 and understands both why and how they utilize those mathematical concepts, but struggles in the Level 4 test, your student is ready to begin level 3.
- If your student can pass the test for Level 5—but cannot show or tell you how concepts work (they know how to “fill in the blanks”), your student should begin level 4 in order to fill in learning gaps and create a true understanding of the concepts.
- If your student can pass the test for Level 4, but has one or two learning gaps (they are still a little shaky on a topic or two), you may evaluate the topics covered in both Level 3 & 4 and use your discretion in placing them. We would recommend working through level 3 at an accelerated pace; however, you may choose to place your student in level 4 and fill in learning gaps together.

Level 3 Placement Test

This placement test assesses your student's readiness to begin *Math Lessons for a Living Education Level 3*. Please discuss any missed problems with the student in order to understand the reason that he or she missed them. Instructions for grading are at the beginning of each section. **If your student completes this test and understands the concepts, they are prepared to begin *Math Lessons for a Living Education Level 3*.**

Section one: (The student should make no more than 2 mistakes on each of these points.)

Point 1: Fill in the chart correctly.

	Thousands	Hundreds	Tens	Ones
6,011				
792				
4,009				
8,178				
2,060				

Point 2: Look at the numbers in the chart above. Color each even number, green. Color each odd number, blue.

Point 3: What numbers do odd numbers end in? _____

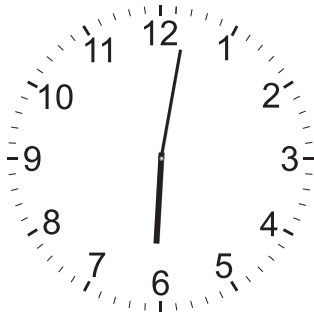
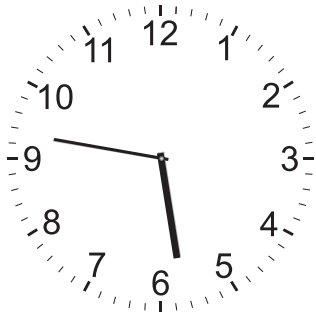
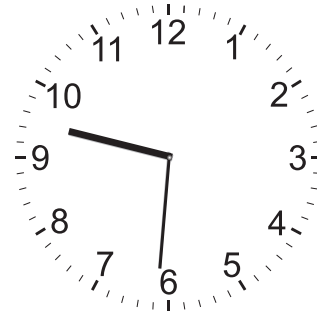
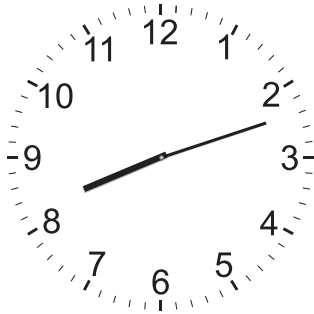
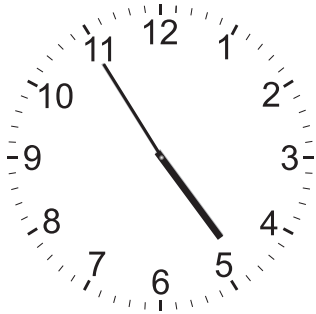
What numbers do even numbers end in? _____

Level 3 Placement Test

continued

Section two: (The student should make no more than 2 mistakes on each of these points.)

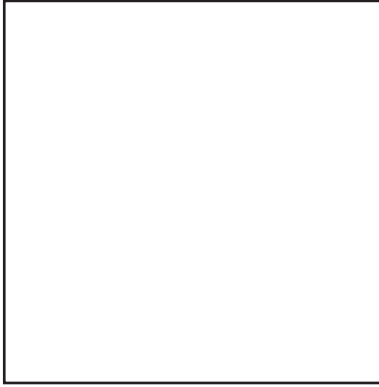
Point 1: Write the correct time shown on each clock.



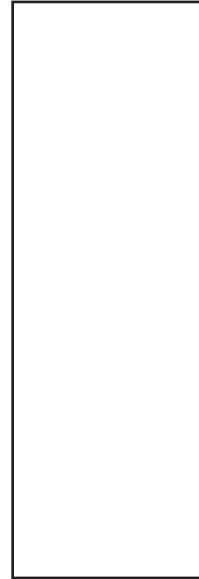
Point 2: Count the money and write the correct amount.



Point 3: Find the perimeter of each shape.



a square with 2 inch sides



a rectangle with 1 inch width and 3 inch length

Point 4: Add and subtract.

$$\begin{array}{r} 28 \\ 12 \\ 32 \\ + 50 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ 99 \\ 38 \\ + 61 \\ \hline \end{array}$$

$$\begin{array}{r} 344 \\ - 217 \\ \hline \end{array}$$

$$\begin{array}{r} 872 \\ - 653 \\ \hline \end{array}$$

$$\begin{array}{r} 498 \\ - 269 \\ \hline \end{array}$$

Point 5: Measure these lines. Write the length.

☆ _____

☆ _____

☆ _____

Level 3 Placement Solutions

Instructions for grading are found at the beginning of each section. **If your student understands all the concepts on the Level 3 Placement Test, they are ready to begin *Math Lessons for a Living Education Level 3*.** Please do not place an unprepared student in this book, as it will only frustrate them and inhibit them from learning.

Section one: (The student should make no more than 2 mistakes on each of these points.)

Point 1: Fill in the chart correctly.

	Thousands	Hundreds	Tens	Ones
6,011	6	0	1	1
792		7	9	2
4,009	4	0	0	9
8,178	8	1	7	8
2,060	2	0	6	0

Point 2: Look at the numbers in the chart above. Color each even number, green. Color each odd number, blue.

Point 3: What numbers do odd numbers end in? 1, 3, 5, 7, 9

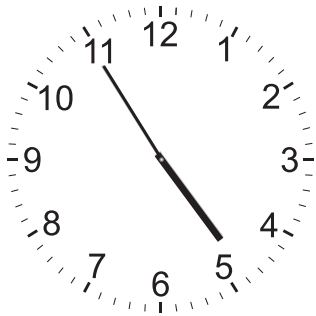
What numbers do even numbers end in? 2, 4, 6, 8, 0

Level 3 Placement Solutions

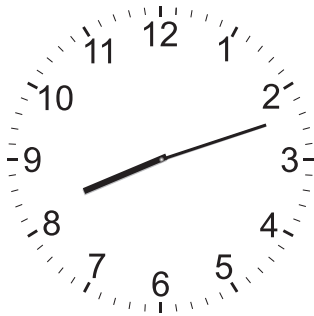
continued

Section two: (The student should make no more than 2 mistakes on each of these points.)

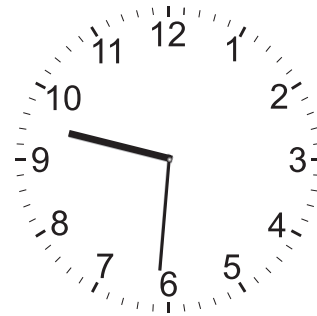
Point 1: Write the correct time shown on each clock.



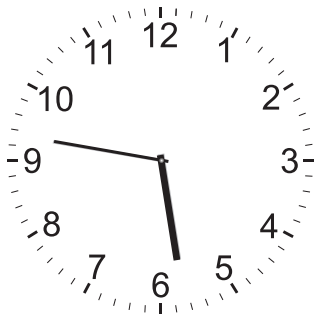
4:55



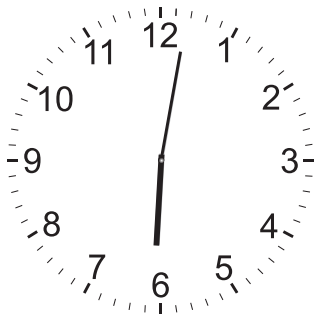
8:12



9:31



5:47



6:02

Point 2: Count the money and write the correct amount.



\$4.20



\$10.03



\$12.65

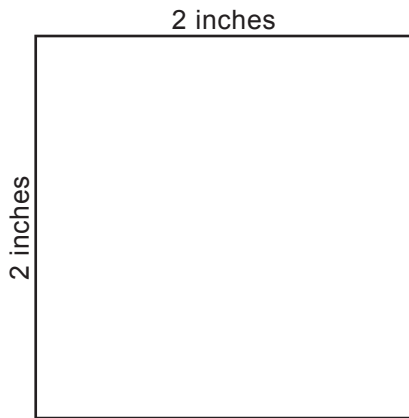


\$101.99

Level 3 Placement Solutions

continued

Point 3: Find the perimeter of each shape.



$$2 + 2 + 2 + 2 = 8 \text{ inches}$$



$$3 + 1 + 3 + 1 = 8 \text{ inches}$$

Point 4: Add and subtract.

$$\begin{array}{r} 28 \\ 12 \\ 32 \\ + 50 \\ \hline 122 \end{array}$$

$$\begin{array}{r} 41 \\ 99 \\ 38 \\ + 61 \\ \hline 239 \end{array}$$

$$\begin{array}{r} 344 \\ - 217 \\ \hline 127 \end{array}$$

$$\begin{array}{r} 872 \\ - 653 \\ \hline 219 \end{array}$$

$$\begin{array}{r} 498 \\ - 269 \\ \hline 229 \end{array}$$

Point 5: Measure these lines. Write the length.

☆ _____ 3 inches

☆ _____ 2 inches

☆ _____ 5 inches