Beta Placement Instructions

This assessment will help determine if this level of Math-U-See is a good place for your child to start. Each level of Math-U-See builds upon the concepts taught in previous levels. Successful placement involves finding the highest level your child has fully mastered and placing them one level above that.

1 Prior to beginning the assessment:

- Understand that the goal isn't to get all the questions correct. We are determining which concepts they have not yet mastered.
- Encourage your child and let them know that this is an assessment and NOT a test.
- Recognize they might already know some of the concepts taught in this level.
- Let your child know there may be questions they don't yet understand.
- Print the assessment and ensure you have a pencil and eraser.
- Your child may want extra paper to work through the questions.

2 Let your child know while taking the assessment:

- If they don't understand or can't do a question have them move to the next one.
- If they want to attempt a question but are not sure they understand it, have them mark it with a happy face.
- If they cannot answer 3 or more questions in a row, it is okay to stop doing this assessment.

3 Grading the assessment:

- A question that your child has marked with a happy face indicates to you that this concept is not completely understood and must be reviewed.
- For incorrect answers, ask your child how they arrived at their answer. If they understand the concept, they should be able to correct the mistake on their own. This is considered a computational error. For the sake of this assessment do not mark this as incorrect.
- If there are only one or two concepts they need to learn or review from a given level, it may be possible to just remediate those and start in the next level higher.

4 Analyzing the results:

Most answers are incorrect or have happy faces.	5 or more answers are incorrect or have happy faces.	Most answers are correct and there are no happy faces.
Have them try the assessement for	**Your child is ready for**	**Have them try the assessment for**
Alpha	**Beta**	**Gamma**

If you have questions after your child has taken the assessment, please contact us with the results and we will be able to help you determine the best level for them.

Beta Placement Pre/Post Test

Compare, and then fill in the oval with <, >, or =.

1. 7 + 7 ◯ 15 – 8

2. 105 ◯ 125

Round to the nearest tens place.

3. 43 → _____

4. 68 → _____

Round to the nearest hundreds place.

5. 204 → _____

6. 561 → _____

Round to the nearest thousands place.

7. 1,935 → _____

8. 4,187 → _____

Skip count and write the numbers.

9. ____, ____, 6, ____, ____, ____, ____, ____, ____, 20

10. ____, ____, ____, ____, 25, ____, ____, ____, ____, ____

11. ____, 20, ____, ____, ____, ____, ____, 80, ____, ____

Add.

12 $\begin{array}{r} 24 \\ +\ 46 \\ \hline \end{array}$

13. $\begin{array}{r} 192 \\ +\ 359 \\ \hline \end{array}$

14. $\begin{array}{r} 907 \\ +\ 168 \\ \hline \end{array}$

15. $\begin{array}{r} \$8.92 \\ +\ 2.49 \\ \hline \end{array}$

16. $\begin{array}{r} 6474 \\ 7610 \\ +\ 3685 \\ \hline \end{array}$

17. $\begin{array}{r} 968 \\ 145 \\ 203 \\ +\ 75 \\ \hline \end{array}$

Subtract.

18. $\begin{array}{r} 23 \\ -\ 17 \\ \hline \end{array}$

19. $\begin{array}{r} 115 \\ -\ 98 \\ \hline \end{array}$

20. $\begin{array}{r} 403 \\ -\ 215 \\ \hline \end{array}$

21. $\begin{array}{r} 710 \\ -\ 346 \\ \hline \end{array}$

22.

	5	8	3	4
−	1	0	5	7

23.

	8	1	3	2	7
−	4	5	1	8	9

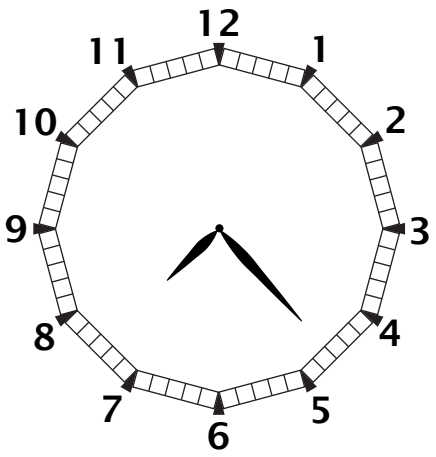
Write the number and say it.

24. two hundred seventy-six thousand, five hundred ninety-one =

_____

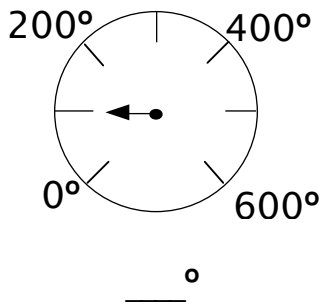
Give the time with hours and minutes.

25.



_____

Read the gauge.

26. 

___°

27. Greg is four feet tall. How many inches tall is Greg?

_____

28. Wendy is making a square pillow that measures 14 inches on a side. How many inches of fringe will she need to go around the edges of the pillow?

_____

29 A rectangle has two sides that are six feet long and two sides that are eleven feet long. What is its perimeter?

_____

30. A triangle has sides of nine inches, eight inches, and six inches. What is the perimeter?

_____

Answer Key

Beta Placement Pre/Post Test

Compare, and then fill in the oval with <, >, or =.

1. 7 + 7 (>) 15 – 8

2. 105 (<) 125

Round to the nearest tens place.

3. 43 → 40

4. 68 → 70

Round to the nearest hundreds place.

5. 204 → 200

6. 561 → 600

Round to the nearest thousands place.

7. 1,935 → 2,000

8. 4,187 → 4,000

Skip count and write the numbers.

9. 2, 4, 6, 8, 10, 12, 14, 16, 18, 20

10. 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

11. 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

Add.

12 $\begin{array}{r} 24 \\ +\ 46 \\ \hline 70 \end{array}$

13. $\begin{array}{r} 192 \\ +\ 359 \\ \hline 551 \end{array}$

14. $\begin{array}{r} 907 \\ +\ 168 \\ \hline 1{,}075 \end{array}$

15. $\begin{array}{r} \$8.92 \\ +\ 2.49 \\ \hline \$11.41 \end{array}$

16. $\begin{array}{r} 6474 \\ 7610 \\ +\ 3685 \\ \hline 17769 \end{array}$

17. $\begin{array}{r} 968 \\ 145 \\ 203 \\ +\ \ 75 \\ \hline 1391 \end{array}$

Subtract.

18. $\begin{array}{r} 23 \\ -\ 17 \\ \hline 6 \end{array}$

19. $\begin{array}{r} 115 \\ -\ \ 98 \\ \hline 17 \end{array}$

20. $\begin{array}{r} 403 \\ -\ 215 \\ \hline 188 \end{array}$

21. $\begin{array}{r} 710 \\ -\ 346 \\ \hline 364 \end{array}$

22.

	5	8	3	4
−	1	0	5	7
	4	7	7	7

23.

	8	1	3	2	7
−	4	5	1	8	9
	3	6	1	3	8

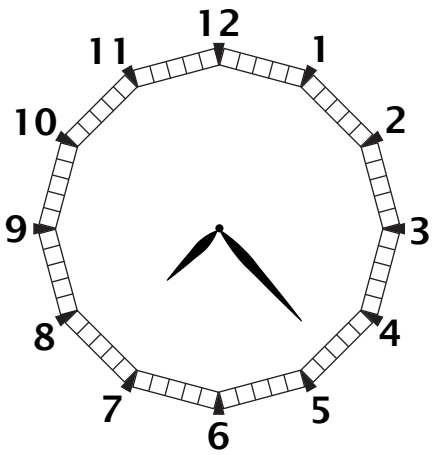
Write the number and say it.

24. two hundred seventy-six thousand, five hundred ninety-one =

276,591

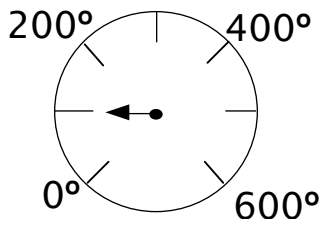
Give the time with hours and minutes.

25.



7:23

Read the gauge.

26. 

100 °

27. Greg is four feet tall. How many inches tall is Greg?

48 inches

28. Wendy is making a square pillow that measures 14 inches on a side. How many inches of fringe will she need to go around the edges of the pillow?

56 inches

29 A rectangle has two sides that are six feet long and two sides that are eleven feet long. What is its perimeter?

34 feet

30. A triangle has sides of nine inches, eight inches, and six inches. What is the perimeter?

23 inches