



CALVERT™
PUBLICATIONS

2nd grade | Placement Test

MATH



MATH 200

PLACEMENT TEST for the CALVERT CURRICULUM

Instructions

This test is designed to aid in proper placement of the student into the Calvert curriculum. It has two sections: the Student Test and the Answer Key. The Answer Key follows the Student Test.

This is not a timed test and the student should be given an opportunity to answer each question adequately. If the student becomes bogged down and the test seems too difficult, skip to the next section. If the test is still too difficult, this child's academic skill level has been reached and testing may stop. Each test level should take no longer than one hour. Students should not use calculators for any of these tests.

Once the test has been administered, it is ready to be scored. The teacher or parent does all of the scoring. Use the Answer Key that follows the test pages to mark all incorrect answers on the Student Test. Next, record the total number of correct answers in the Score box. There are ten possible points per unit. When all tests have been graded, transfer the number correct by unit to the blanks below. Then add the total number of points for the grade level.

Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Total
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_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
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GRADE LEVEL PLACEMENT: A student can be placed academically using the rule that he/she has successfully passed the test for any given level if he/she achieves a Total Score of 70 points or more.

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201

Score:

1. Write in words. 13 45

2.	6	9	5	17	3.	52	41	67	85
	<u>+7</u>	<u>+5</u>	<u>-0</u>	<u>-8</u>		<u>+46</u>	23	<u>-25</u>	<u>-32</u>
							<u>+13</u>		

4. Write the number in the ten's place. 36 95

5. Write the number before and after.

a. ____ 17 ____ b. ____ 59 ____

6. Write a fact family. 4, 7, 11

__ + __ = __ __ + __ = __ __ - __ = __ __ - __ = __

7. Write the symbol.

a. 9 (+, -) 5 = 4 b. 10 (+, -) 8 = 2
 c. 6 + 5 (=, ≠) 12 d. 12 (>, <) 19

8. Kevin has 4 dimes. Lisa has 3 dimes. How many dimes do they have altogether?

9. Write in symbols. Fifteen minus six is not equal to eight. Seventy-four is greater than sixty-two.

10. Find the square. a.  b.  c.  d. 

202

Score:

1. Write missing numbers. 137, __, 139, __, 141, __, __

2. 3 + 5 + 11 = __ 32 + 4 + 21 = __ 13 - 5 = __ 7 - 0 = __

3. Write even or odd. 32 is __.

4. When counting by 5's, the numbers always end in __ or __.

5. How many minutes in an hour?

6. Write the time.




7.
$$\begin{array}{r} 39 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ -30 \\ \hline \end{array}$$

8. Katie had eight cookies. She gave four to Jodie. How many cookies does Katie have now?

9. Write how many.

 = __ dimes + __ nickels + __ pennies

10. Write the little hearts as a fraction.



1. _____

2. /

 /

3. /

 /

4. /

5. /

 /

6. _____

7. a. b.

c. d.

8. _____

9. _____

10. _____

1. /

 /

2. /

 /

3. _____

4. /

5. _____

6. _____

7. /

8. _____

9. /

10. _____

203

Score:

1. $6 + 4 - 3 = \underline{\quad}$ $15 - 7 + 3 = \underline{\quad}$ 1. /
2. a. Write how many. $135 = \underline{\quad}$ hundreds + $\underline{\quad}$ tens + $\underline{\quad}$ ones. 2. a. /
 b. Write the value. $135 = \underline{\quad}$ + $\underline{\quad}$ + $\underline{\quad}$. b. /
3.
$$\begin{array}{r} 35 \\ + 49 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ + 56 \\ \hline \end{array}$$
 4.
$$\begin{array}{r} 62\text{¢} \\ + 35\text{¢} \\ \hline \end{array}$$






$$\begin{array}{r} \$8.39 \\ - \$4.15 \\ \hline \end{array}$$
 3. /
 5. Are paper clips or inches standard measurements? 4. /
 6. Write how many. 5. /
 $\$3.38 = \underline{\quad}$ dollars + $\underline{\quad}$ dimes + $\underline{\quad}$ nickels + $\underline{\quad}$ pennies 6. /
7. Round to the nearest 10. 38 13 7. /
8. a. Write in numbers. one hundred four 8. a.
 b. Write in words. 153 b.
9. How many oranges in $\frac{4}{6}$ of a set of 6 oranges? 9.
10. Write the sign. $76 (>, <) 75$ $16 (=, \neq) 8 + 7$ 10. /

204

Score:

1. Write the missing numbers. 498, 499, , 1. /
2. a. Write in numbers. seven hundred nineteen 2. a.
 b. Write in words. 601 b.
3. a. Write how many. $804 = \underline{\quad}$ hundreds + $\underline{\quad}$ tens + $\underline{\quad}$ ones. 3. a. /
 b. Write the value. $804 = \underline{\quad}$ + $\underline{\quad}$ + $\underline{\quad}$. b. /
4. Write cents in coins. Use each coin. 4. /
 $\$.89 = \underline{\quad}$ quarters + $\underline{\quad}$ dimes + $\underline{\quad}$ nickels + $\underline{\quad}$ pennies 5. /
5.
$$\begin{array}{r} 347 \\ + 601 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 49 \\ \hline \end{array}$$
 6.
$$\begin{array}{r} 65 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} 728 \\ - 517 \\ \hline \end{array}$$
 6. /
7. Write how many. $\underline{\quad}$ inches = 1 foot $\underline{\quad}$ feet = 1 yard 7. /
8. Find the solid shapes. 8. /
 a.  b.  c.  d.  e.  9. /
9. Round to the nearest 10. 62 87 9. /
10. The toy car cost 63¢. You paid 6 dimes and 1 nickel. 10.
 How much change did you receive?

205

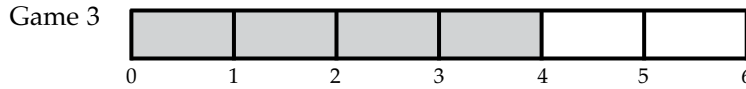
Score:

1. Write the symbols. $7 + 9$ ($>$, $<$) $6 + 8$ $12 - 7$ ($=$, \neq) $13 - 8$

1. _____ / _____

2. The graph tells the number of matches in the game.
How many matches in Game 3?

2. _____



3. _____

3. Count by 3's. Write the numbers.

1 2 3 4 5 6 7 8 9 10 11 12

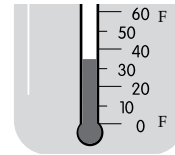
4. a. _____ b. _____

4. Use all of the numbers 5, 3, and 9 to write the
(a.) largest and (b.) the smallest number.

5. _____ / _____

5. $\frac{1}{5}$ $\frac{3}{8}$
 $+$ $\frac{2}{5}$ $+$ $\frac{4}{8}$

6. Write the temperature.



6. _____

7. 258 429
 $+$ 307 $+$ 143

8. 36 584
 $-$ 6 $-$ 253

7. _____ / _____

8. _____ / _____

9. How many in a dozen? _____

9. _____

10. Write the ordinal number word for fifteen.

10. _____

206

Score:

1. Write the time.



2. $\frac{2}{7}$ $\frac{7}{12}$
 $+$ $\frac{3}{7}$ $-$ $\frac{5}{12}$

1. _____

2. _____ / _____

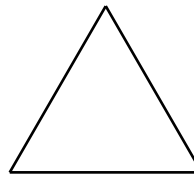
3. 237 356
 $+$ 349 $+$ 206

4. 62 71
 $-$ 28 $-$ 46

3. _____ / _____

4. _____ / _____

5. Measure the sides.
Write the perimeter.



5. _____

6. a. Write how many. $932 =$ _____ hundreds $+$ _____ tens $+$ _____ ones.

6. a. _____ / _____

b. Write the value. $932 =$ _____ $+$ _____ $+$ _____.

b. _____ / _____

7. Write in dollars and cents. 2 dollars, five quarters, 2 dimes

7. _____

8. Write how many. _____ inches $=$ 1 yard _____ ounces $=$ 1 pound

8. _____ / _____

9. Write in number order. 356 563 365 536

9. _____ / _____

10. Name the shape
that does not belong.



10. _____ / _____

10. _____

207

Score:

1. Write in words. $\frac{2}{7}$

2.
$$\begin{array}{r} 40 \\ 24 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 146 \\ + 352 \\ \hline \end{array}$$

$$\begin{array}{r} 636 \\ + 249 \\ \hline \end{array}$$

$$\begin{array}{r} 270 \\ + 345 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 87 \\ - 46 \\ \hline \end{array}$$

$$\begin{array}{r} 849 \\ - 527 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ - 27 \\ \hline \end{array}$$

4. Tell the pattern. 48, 46, 44, ...

5. Write the months in order.

___ June ___ May ___ August ___ July

6. Round. Write the answer.

If you have 58 pennies, you have close to ___ pennies.

7. Write how many. ___ hours = 1 day ___ days = 1 week

8.
$$\begin{array}{r} \frac{2}{4} \\ + \frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{6}{12} \\ - \frac{2}{12} \\ \hline \end{array}$$

9. When we count by 2's, the numbers end in ___ or ___.

10. Read the graph. Write the temperature for Friday.



208

Score:

1. Write the next problem in the pattern.

$3 + 0 = 3, \quad 3 + 1 = 4, \quad 3 + 2 = 5, \dots$

2. $5 + 7 - 2 = \underline{\quad}$ $15 - 9 + 8 = \underline{\quad}$

3. Complete the number sentences.

$15 (+, -) 8 = 2 + 5$ $14 - 6 > 5 (+, -) 3$

4. Write the fewest number of coins possible.

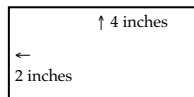
$87\text{¢} = \underline{\quad}$ quarters + $\underline{\quad}$ dimes + $\underline{\quad}$ nickels + $\underline{\quad}$ pennies

5. Tell the order.

The triangle is the ___ shape.



6. Write the perimeter measurement.



7. $\frac{3}{5}$ of a set of five apples is ___ apples.

8. Tell the direction of the arrow. \longrightarrow north, south, east, west

9. Write how many. ___ cups = 1 pint ___ quarts = 1 gallon

10.
$$\begin{array}{r} \$4.36 \\ + \$2.48 \\ \hline \end{array}$$

$$\begin{array}{r} 365 \\ + 547 \\ \hline \end{array}$$

$$\begin{array}{r} 452 \\ + 368 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ - 29 \\ \hline \end{array}$$

1. _____
 2. /
 3. /
 4. _____
 5. /
 6. _____
 7. /
 8. /
 9. /
 10. _____
1. _____
 2. /
 3. /
 4. /
 5. _____
 6. _____
 7. _____
 8. _____
 9. /
 10. /

209

Score:

Measure the rectangle.



1. a. length = ____ b. width = ____
2. a. perimeter = ____ b. area = ____

1. ____ / ____
2. ____ / ____
3. ____ / ____
4. _____

3. Write the numbers in the hundreds' place. 307 609

4. Measure. _____

5. Write in numbers. a. five-sevenths nine hundred four
Write in words. b. $\frac{4}{9}$ 378

5. a. ____ / ____
b. _____

6. Write the answer. $53 + 6 - 7 =$ ____

6. _____

7. Write the operation symbol.

$6 + 8 (>, <)$ 15

$14 - 6 (=, \neq)$ 8

7. ____ / ____

8. Is the answer to the problem an even or odd number?

$15 + 6 =$ ____

8. _____

9.
$$\begin{array}{r} 46 \\ 34 \\ + 27 \\ \hline \end{array}$$

$$\begin{array}{r} 386 \\ + 239 \\ \hline \end{array}$$

$$\begin{array}{r} 473 \\ + 187 \\ \hline \end{array}$$

$$\frac{2}{7} + \frac{3}{7}$$
 10.
$$\begin{array}{r} 65 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 573 \\ - 367 \\ \hline \end{array}$$

$$\begin{array}{r} 732 \\ - 509 \\ \hline \end{array}$$

$$\frac{6}{15} - \frac{4}{15}$$

9. ____ / ____
10. ____ / ____

210

Score:

1. Round to the nearest 100. 637 750

1. ____ / ____

2. Jenny poured 3 quarts of water into a gallon container. How many more quarts did she need to pour to fill the container?

2. _____

3. Is the answer even or odd? odd + even = ____

3. _____

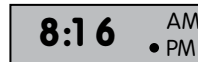
4. a. Write in numbers. five dollars and thirteen cents
b. Write in words. \$8.06

4. a. _____
b. _____

5. Write the values. $754 =$ ____ + ____ + ____

5. ____ / ____

6. Write the time on the digital clock.



6. _____

7. Add the fractions. _____

7. _____

8. Write the symbols to make the number sentences true. +, -, =

a. 47 ____ 41 ____ 6 b. 83 ____ 5 ____ 88

8. a. ____ / ____
b. ____ / ____

9. Write what comes next. $\frac{1}{7}, \frac{2}{7}, \frac{3}{7}, \dots$

9. _____

10.
$$\begin{array}{r} 368 \\ + 448 \\ \hline \end{array}$$

$$\begin{array}{r} \$4.59 \\ + \$3.16 \\ \hline \end{array}$$

$$\begin{array}{r} 854 \\ - 619 \\ \hline \end{array}$$

$$\begin{array}{r} \$9.52 \\ - \$7.39 \\ \hline \end{array}$$

10. ____ / ____

Answer Key

201

- thirteen
forty-five
- 13 / 14
5 / 9
- 98 / 77
42 / 53
- 3 / 9
- 16 / 18
58 / 60
- 4 + 7 = 11
7 + 4 = 11
11 - 4 = 7
11 - 7 = 4
- a. - b. -
c. ≠ d. <
- 7 dimes
- 15 - 6 ≠ 8
74 > 62
- d

202

- 138 / 140
142 / 143
- 19 / 57
8 / 7
- even
- 0 / 5
- 60
- 2:50
- 33 / 59
- 4 cookies
- 7 / 1
1
- $\frac{3}{5}$

203

- 7 / 11
- a. 1 / 3
5
b. 100 / 30
5
- 84 / 74
- 97¢ / \$4.24
- inches
- 3 / 3
1 / 3
- 40 / 10
- a. 104
b. one hundred
fifty-three
- 4 oranges
- > / ≠

204

- 500 / 501
- a. 719
b. six hundred
one
- a. 8 / 0
4
b. 800 / 0
4
- 2 / 3
1 / 4
- 948 / 72
- 42 / 211
- 12 / 3
- a / d
- 60 / 90
- 2 pennies

205

- > / =
- 4
- 3, 6, 9, 12
- a. 953 b. 359
- $\frac{3}{5}$ / $\frac{7}{8}$
- 35° F
- 565 / 572
- 30 / 331
- 12
- fifteenth

206

- 8:52
- $\frac{5}{7}$ / $\frac{2}{12}$
- 586 / 562
- 34 / 25
- 3 inches
- a. 9 / 3
2
b. 900 / 30
2
- \$3.45
- 36 / 16
- 356 / 365
536 / 563
- circle

Answer Key

207

1. two-sevenths

2. $\frac{76}{498}$
 $\frac{885}{615}$

3. $\frac{41}{322}$
 $\frac{38}{59}$

4. subtract 2

5. May / June
July / Aug.

6. 60

7. $\frac{24}{7}$

8. $\frac{3}{4}$ / $\frac{4}{12}$

9. $\frac{0}{2}$
 $\frac{4}{6}$
8

10. 74°

208

1. $3 + 3 = 6$

2. $\frac{10}{14}$

3. - / -

4. $\frac{3}{1}$
 $\frac{0}{2}$

5. fifth

6. 12 inches

7. 3

8. east

9. $\frac{2}{4}$

10. $\frac{\$6.84}{912}$
 $\frac{820}{24}$

209

1. $\frac{2 \text{ in}}{1 \text{ in}}$

2. $\frac{6 \text{ in}}{2 \text{ sq in}}$

3. $\frac{3}{6}$

4. $2\frac{1}{2} \text{ in}$

5. a. $\frac{5}{7} / 904$

b. four-ninths
three hundred
seventy-eight

6. 52

7. < / =

8. odd

9. $\frac{107}{625}$
 $\frac{660}{\frac{5}{7}}$

10. $\frac{37}{206}$
 $\frac{223}{\frac{2}{15}}$

210

1. $\frac{600}{800}$

2. 1 quart

3. odd

4. a. $\$5.13$

b. eight dollars
and six cents

5. $\frac{700}{50}$
4

6. 8:16 PM

7. $\frac{5}{6}$

8. a. - / = or = / +

b. + / =

9. $\frac{4}{7}$

10. $\frac{816}{\$7.75}$
 $\frac{235}{\$2.13}$



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