

# SIMPLY GOOD AND BEAUTIFUL MATH K

Placement Test

This placement test assesses a child's readiness to begin *Simply Good and Beautiful Math K*. This page is for the parent/teacher to record the child's score and includes the oral portion of the test. Blue text is instructions to the parent/teacher. Black text is read to the child. The next page is the student page and should be given to the child when ready to begin. To record the child's scores, place a check mark in the circle located next to each question on this page for each correct response. The answer for each question can be found in brackets. After the child completes the assessment, write the total number of check marks in the box at the bottom of the page.

## Part A: Identify Colors & Shapes

Point to the Part A box at the top of the next page and read to the child: Here are shapes with different colors. Listen as I ask you to point to different colors and tell me the name of each shape. If the child points to an incorrect colored shape, point to the correct shape before asking the name of the shape.

- |   |   |
|---|---|
| <input type="radio"/> Point to the shape that is red.                   | <input type="radio"/> Point to the shape that is light blue.                |
| <input type="radio"/> What is the name of the red shape? [triangle]     | <input type="radio"/> What is the name of the light blue shape? [rectangle] |
| <input type="radio"/> Point to the shape that is dark blue.             | <input type="radio"/> Point to the shape that is white.                     |
| <input type="radio"/> What is the name of the dark blue shape? [square] | <input type="radio"/> What is the name of the white shape? [star]           |
| <input type="radio"/> Point to the shape that is black.                 | <input type="radio"/> Point to the shape that is orange.                    |
| <input type="radio"/> What is the name of the black shape? [circle]     | <input type="radio"/> What is the name of the orange shape? [circle]        |
| <input type="radio"/> Point to the shape that is pink.                  | <input type="radio"/> Point to the shape that is purple.                    |
| <input type="radio"/> What is the name of the pink shape? [rectangle]   | <input type="radio"/> What is the name of the purple shape? [heart]         |
| <input type="radio"/> Point to the shape that is brown.                 | <input type="radio"/> Point to the shape that is green.                     |
| <input type="radio"/> What is the name of the brown shape? [heart]      | <input type="radio"/> What is the name of the green shape? [triangle]       |
| <input type="radio"/> Point to the shape that is yellow.                | <input type="radio"/> Point to the shape that is gray.                      |
| <input type="radio"/> What is the name of the yellow shape? [star]      | <input type="radio"/> What is the name of the gray shape? [square]          |

Number of  
correct responses

There are 40 points possible for this test. If the score is 32 or more, the child is ready to begin *Simply Good and Beautiful Math K*. If the score is 31 or less, it is recommended to review the concepts the child has not yet mastered before beginning the course.

Although it is encouraged that the child have these important concepts mastered, *Simply Good and Beautiful Math K* reviews all the concepts assessed in this placement test.

## Part B: Number Recognition & Counting Objects

Read to the child:

- ☐ Count from 1 to 10.

Point to the Part B box on the next page. Look at the numbers listed at the top of this box. Point to the correct number as I say it aloud.

- ☐ Point to the number 5.  
☐ Point to the number 3.  
☐ Point to the number 1.  
☐ Point to the number 2.  
☐ Point to the number 4.

Look at the animals shown at the bottom of this box.

- ☐ How many foxes are there? [2]  
☐ How many rabbits are there? [4]  
☐ How many bears are there? [1]  
☐ How many squirrels are there? [5]  
☐ How many wolves are there? [3]

Draw a line from each number to the group of animals that matches that number. Answers are listed below for scoring purposes.

- |                                    |                                       |
|------------------------------------|---------------------------------------|
| <input type="radio"/> [1 → bear]   | <input type="radio"/> [4 → rabbits]   |
| <input type="radio"/> [2 → foxes]  | <input type="radio"/> [5 → squirrels] |
| <input type="radio"/> [3 → wolves] |                                       |

Part A



Part B

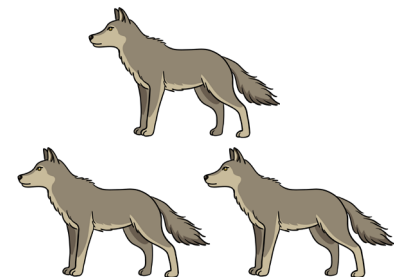
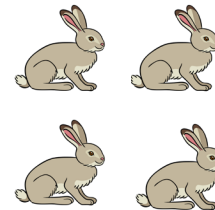
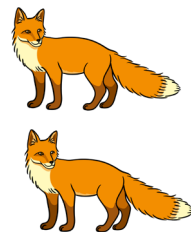
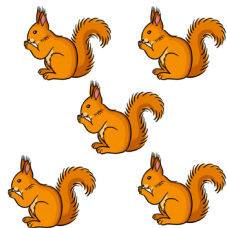
4

1

5

3

2



# SIMPLY GOOD AND BEAUTIFUL MATH 1

## Placement Test

This placement test assesses a child's readiness to begin *Simply Good and Beautiful Math 1*. This page is for the parent/teacher to record the child's score and includes the oral portion of the test. Blue text is instructions to the parent/teacher. Black text is read to the child. The next page is the student page and should be given to the child when ready to begin. To record the child's scores, place a check mark in the circle located next to each question on this page for each correct response. The answer for each question can be found in brackets. After the child completes the assessment, write the total number of check marks in the box at the bottom of the page.

### Part A: Number Sense

Read to the child:

- ☐ Count from 1 to 100.
- ☐ Skip count by 2s from 2 to 20.
- ☐ Skip count by 10s from 10 to 100.

Point to the Part A box on the next page. Point to each number shown at the top of the box as I say it aloud.

☐ 35 ☐ 81 ☐ 72 ☐ 90 ☐ 26 ☐ 58 ☐ 13 ☐ 47

Using the numbers at the bottom of the box, draw a square around the even numbers and a triangle around the odd numbers. Answers are listed below for scoring purposes.

ODD: ☐ [1] ☐ [3] ☐ [5] ☐ [7]

EVEN: ☐ [0] ☐ [2] ☐ [4] ☐ [6]

### Part E: Time & Money

Point to the Part E box on the next page. Read to the child:

Point to the clock that shows the time I say aloud.

☐ 7:00 ☐ 2:00 ☐ 11:00 ☐ 9:00 ☐ 4:00

Look at the group of coins.

- ☐ Point to the penny.
- ☐ How much is a penny worth? [one cent]
- ☐ Point to the nickel.
- ☐ How much is a nickel worth? [five cents]
- ☐ Point to the dime.
- ☐ How much is a dime worth? [ten cents]

### Part B: Shapes & Ordinal Numbers

Point to the Part B box on the next page. Read to the child: Here are shapes arranged in a specific order. Listen as I ask you to point to the shape according to its place in the set. If the child points to an incorrect shape, point to the correct shape before asking the name of the shape.

- ☐ Point to the 3rd shape.
- ☐ What is the name of the 3rd shape? [triangle]
- ☐ Point to the 1st shape.
- ☐ What is the name of the 1st shape? [rectangle]
- ☐ Point to the 4th shape.
- ☐ What is the name of the 4th shape? [oval]
- ☐ Point to the 2nd shape.
- ☐ What is the name of the 2nd shape? [circle]
- ☐ Point to the 5th shape.
- ☐ What is the name of the 5th shape? [square]

### Part C: Addition

Point to the Part C box on the next page. Read to the child: Complete each addition problem in this box. Answers are listed below for scoring purposes.

- ☐  $4 + 4 = [8]$  ☐  $3 + 3 = [6]$
- ☐  $7 + 0 = [7]$  ☐  $2 + 7 = [9]$
- ☐  $9 + 1 = [10]$

### Part D: Subtraction

Point to the Part D box on the next page. Read to the child: Complete each subtraction problem in this box. The child may complete these subtraction problems using his or her fingers. Answers are listed below for scoring purposes.

- ☐  $3 - 1 = [2]$  ☐  $4 - 2 = [2]$
- ☐  $4 - 0 = [4]$  ☐  $5 - 2 = [3]$
- ☐  $5 - 1 = [4]$

Number of  
correct responses

There are 50 points possible for this test. If the score is 40 or more, the child is ready to begin *Simply Good and Beautiful Math 1*. If the score is 39 or less, it is recommended to review the concepts the child has not yet mastered before beginning the course.

Although it is encouraged that the child have these important concepts mastered, *Simply Good and Beautiful Math 1* reviews all the concepts assessed in this placement test.

Part A

90	47	35	81
13	72	26	58
<hr/>			
7	4	6	1
0	3	5	2

Part C

$4 + 4 =$

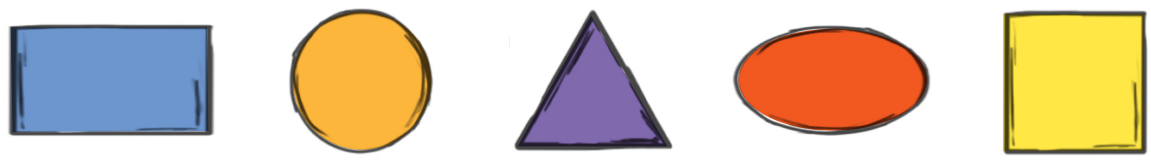
$7 + 0 =$

$9 + 1 =$

$$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$$

Part B

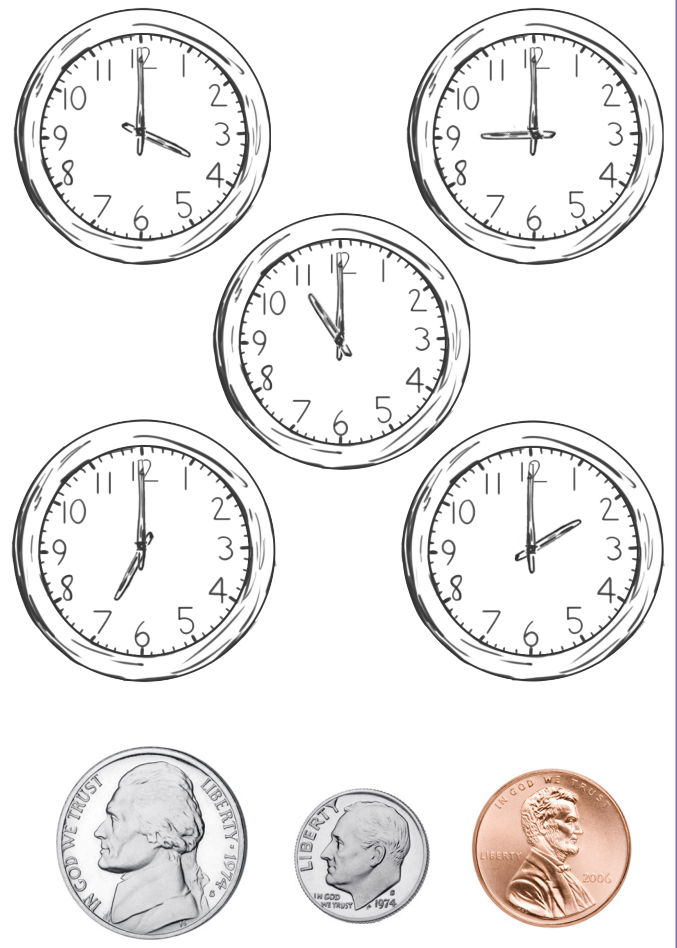


Part D

- $3 - 1 =$
- $4 - 0 =$
- $5 - 1 =$
- $4 - 2 =$
- $5 - 2 =$



Part E



# SIMPLY GOOD AND BEAUTIFUL MATH 2

Placement Test

This placement test assesses a child's readiness to begin *Simply Good and Beautiful Math 2*. The first two pages are for the parent/teacher to record the child's score and include the oral portion of the test. Blue text is instruction to the parent/teacher. Black text is read to the child. The next two pages are the student pages and should be given to the child when ready to begin. To record the child's scores, place a check mark in the circle located next to each question on the parent/teacher pages for each correct response. The answer for each question can be found in brackets. After the child completes the assessment, write the total number of check marks in the box on page 2.

## Part A: Counting & Writing Number Words

Read to the child:

- ☐ Count from 960 to 999.
- ☐ Count backward from 30 to 1.
- ☐ Skip count by 2s from 2 to 50.
- ☐ Skip count by 5s from 5 to 50.
- ☐ Skip count by 10s from 10 to 100.
- ☐ Skip count by 100s from 100 to 1,000.

Point to the Part A box on page 3.

Read to the child: Write the word for each number listed on the line provided.

- ☐ 10 [ten]
- ☐ 8 [eight]
- ☐ 7 [seven]
- ☐ 9 [nine]
- ☐ 11 [eleven]
- ☐ 12 [twelve]

## Part B: Identifying Numbers & Place Value

Point to the Part B box on page 3. Read to the child:  
Write the numbers I say aloud in the colored boxes.

- ☐ ninety-eight [98]
- ☐ eighty-seven [87]
- ☐ seventy-four [74]
- ☐ sixty [60]
- ☐ fifty-three [53]
- ☐ forty-one [41]

Using the same numbers, write each number in the correct column of the table shown.

- ODD: ☐ [53]      ☐ [41]      ☐ [87]
- EVEN: ☐ [60]      ☐ [74]      ☐ [98]

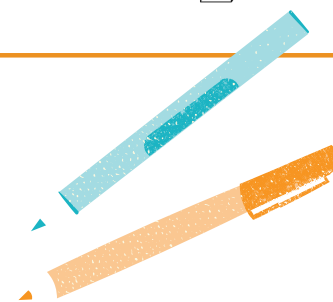
Read to the child: Look at the groups of base-10 blocks. Write the number of one blocks and ten sticks for each group. Then write the number represented by the base-10 blocks in the orange box.

- ☐ [3 tens, 2 ones, 32]
- ☐ [1 ten, 6 ones, 16]
- ☐ [0 tens, 8 ones, 8]

## Part C: Shapes

Point to the Part C box on page 4.  
Read to the child: Look at these shapes. Point to the shape that matches the name I say aloud. If the child points to an incorrect shape, point to the correct shape before moving on.

- ☐ hexagon
- ☐ rhombus
- ☐ pentagon
- ☐ sphere
- ☐ pyramid
- ☐ cube



### Part D: Addition & Subtraction

Point to the Part D box on page 4. Read to the child: Complete each problem in this box.

- ☐  $6 + 6 = [12]$
- ☐  $7 + 7 = [14]$
- ☐  $8 + 8 = [16]$
- ☐  $9 + 9 = [18]$
- ☐  $26 + 10 = [36]$
- ☐  $51 + 27 = [78]$
- ☐  $9 - 2 = [7]$
- ☐  $74 - 10 = [64]$
- ☐  $15 - 10 = [5]$
- ☐  $5 + 2 + 7 = [14]$



### Part E: Time & Money

Read to the child:

- ☐ Say the days of the week in order.
- ☐ Say the months of the year in order.
- ☐ How many days are in a week? [7]
- ☐ How many months are in a year? [12]
- ☐ If today is April 4th, what will be tomorrow's date? [April 5th]
- ☐ If today is November 23rd, what was yesterday's date? [November 22nd]
- ☐ If today is February 18th, what month was last month? [January]
- ☐ If today is June 10th, what will be the next month? [July]

Point to the Part E box on page 4. Read to the child: Look at the group of clocks. Write the time shown in the box below each clock.

- ☐ [5:35]
- ☐ [9:50]
- ☐ [11:10]

Point to the coins. Read to the child: Say the name and value of each coin, starting with the coin on the left and working your way to the right.

- ☐ [quarter, 25 cents]
- ☐ [dime, 10 cents]
- ☐ [nickel, 5 cents]
- ☐ [half-dollar, 50 cents]
- ☐ [penny, 1 cent]
- ☐ Read to the child: Write the total value of all the coins in the orange box. [91 cents or 91¢]



Number of correct responses

There are 60 points possible for this test. If the score is 48 or more, the child is ready to begin *Simply Good and Beautiful Math 2*. If the score is 47 or less, it is recommended to review the concepts the child has not yet mastered before beginning the course.

Although it is encouraged that the child has these important concepts mastered, *Simply Good and Beautiful Math 2* reviews all the concepts assessed in this placement test.

Part A

10 \_\_\_\_\_

7 \_\_\_\_\_

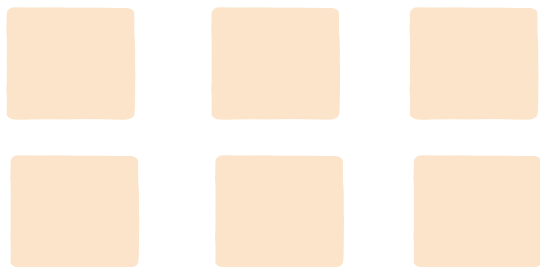
11 \_\_\_\_\_

8 \_\_\_\_\_

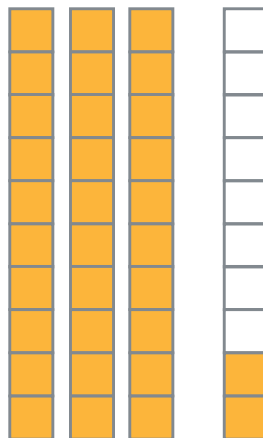
9 \_\_\_\_\_

12 \_\_\_\_\_

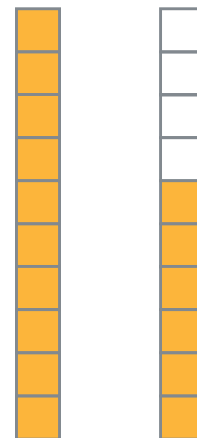
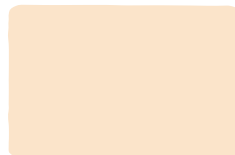
Part B



Even	Odd



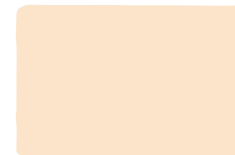
tens    ones



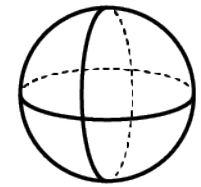
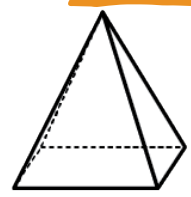
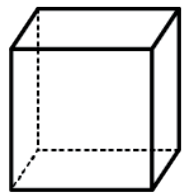
tens    ones



tens    ones



Part C

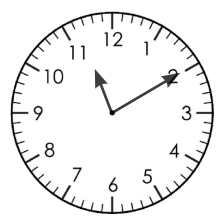
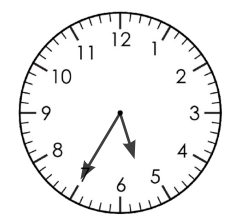


Part D

6	7	8	9	26	51	9	74	15
+ 6	+ 7	+ 8	+ 9	+10	+27	- 2	-10	-10
<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>

5 + 2 + 7 =

Part E



total amount:

# SIMPLY GOOD AND BEAUTIFUL MATH 3

## Placement Test

This placement test assesses a child's readiness to begin *Simply Good and Beautiful Math 3*. The first two pages are for the parent/teacher to record the child's score and include the oral portion of the test. Blue text is instruction to the parent/teacher. Black text is read to the child. The next two pages are the student pages and should be given to the child when ready to begin. To record the child's scores, place a check mark in the circle located next to each question on the parent/teacher pages for each correct response. The answer for each question can be found in brackets. After the child completes the assessment, write the total number of check marks in the box on page 2.

### Part A: Number Sense & Recognition

Read to the child:

- ☐ Count from 1,001 to 1,050.
- ☐ Count backward by 2s from 40 to 2.
- ☐ Count backward by 5s from 50 to 5.
- ☐ Count backward by 10s from 100 to 10.
- ☐ Count backward by 100s from 1,000 to 100.

Point to the top of the Part A box on page 3. Read to the child:  
Write the word for each number listed on the line provided.

- |                                     |                                      |                                    |
|-------------------------------------|--------------------------------------|------------------------------------|
| <input type="radio"/> 16 [sixteen]  | <input type="radio"/> 19 [nineteen]  | <input type="radio"/> 15 [fifteen] |
| <input type="radio"/> 18 [eighteen] | <input type="radio"/> 17 [seventeen] |                                    |

Point to the bottom of the Part A box on page 3 and read to the child: In the orange boxes, write the numbers I say aloud.

- ☐ one thousand, nine hundred eighty-seven [1,987]
- ☐ seven hundred sixty-four [764]
- ☐ six thousand, nine hundred eighty [6,980]
- ☐ five hundred thirty-three [533]
- ☐ nine thousand, nine hundred ninety-five [9,995]

Using the same numbers, circle the even numbers and underline the odd numbers.

- ODD: ☐ [1,987] ☐ [533] ☐ [9,995]  
EVEN: ☐ [764] ☐ [6,980]

### Part B: Place Value, Expanded Form & Rounding

Point to the Part B box on page 3. Read to the child: Look at the groups of base-10 blocks. Write the number of one blocks, ten sticks, hundred squares, and thousand cubes for each group. Then write the number represented by the base-10 blocks.

- ☐ [3 hundreds, 5 tens, 7 ones, 357]
- ☐ [1 thousand, 2 hundreds, 0 tens, 5 ones, 1,205]
- ☐ [2 thousands, 0 hundreds, 4 tens, 3 ones, 2,043]

Read to the child: Write the expanded form for each of the numbers listed.

- ☐ 519 [500 + 10 + 9]
- ☐ 1,982 [1,000 + 900 + 80 + 2]
- ☐ 7,801 [7,000 + 800 + 1]

Round each number to the nearest 10.

- ☐ 59 [60]    ☐ 34 [30]    ☐ 65 [70]

### Part C: Fractions

Point to the Part C box on page 4. Read to the child: Look at the different shapes shown at the top of this box. Write the fraction of each shape that is shaded.

- ☐ a.  $[\frac{3}{4}]$ 
☐ b.  $[\frac{3}{8}]$ 
☐ c.  $[\frac{1}{2}]$   
☐ d.  $[\frac{2}{3}]$ 
☐ e.  $[\frac{4}{5}]$ 
☐ f.  $[\frac{2}{4} \text{ or } \frac{1}{2}]$

Read to the child: Look at the fractions at the bottom of the box. Compare each pair of fractions using a greater than, less than, or equal sign. You can use the shapes above to help you answer each question if needed.

- ☐  $\frac{1}{2} [=] \frac{2}{4}$ 
☐  $\frac{1}{4} [<] \frac{3}{4}$   
☐  $\frac{4}{5} [>] \frac{2}{5}$ 
☐  $\frac{7}{8} [>] \frac{3}{8}$

Number of  
correct responses

There are 60 points possible for this test. If the score is 48 or more, the child is ready to begin *Simply Good and Beautiful Math 3*. If the score is 47 or less, it is recommended to review the concepts the child has not yet mastered before beginning the course.

Although it is encouraged that the child have these important concepts mastered, *Simply Good and Beautiful Math 3* reviews all the concepts assessed in this placement test.

### Part D: Addition & Subtraction

Point to the Part D box on page 4. Read to the child: Complete each problem in this box.

- ☐  $398 + 274 = [672]$   
☐  $564 - 243 = [321]$   
☐  $546 + 287 = [833]$   
☐  $721 - 367 = [354]$

The following problems are found in the boxes around the number 3,513. Read to the child: Write the correct number in each box.

- ☐ 10 less [3,503]  
☐ 10 more [3,523]  
☐ 100 less [3,413]  
☐ 100 more [3,613]

It is expected that the child knows these concepts before starting *Simply Good and Beautiful Math 3*.

- 2D shapes (rectangle, square, triangle, rhombus, hexagon, pentagon, trapezoid)
- 3D shapes (cube, cone, cylinder, sphere, rectangular prism, pyramid)
- Ordinal positions: 1st through 12th
- Days of the week
- Months of the year
- The difference between AM and PM
- Doubles addition facts to  $9 + 9$



### Part E: Time & Money

Read to the child: Answer these questions.

- ☐ What time is noon? [12:00 PM]  
☐ What time is midnight? [12:00 AM]  
☐ How many seconds are in a minute? [60]  
☐ How many minutes are in an hour? [60]  
☐ How many hours are in a day? [24]

Point to the clocks in the Part E box on page 4.

Read to the child: Look at the clocks. Write the time in the box below each clock.

- ☐ [11:32]  
☐ [6:18]  
☐ [2:50]

Read to the child: Write the time to show the time expressions listed.

- ☐ Quarter after 12 [12:15]  
☐ Half past 9 [9:30]  
☐ Quarter to 2 [1:45]

Point to the addition and subtraction problems. Read to the child: Complete each problem by adding or subtracting amounts of money.

- ☐  $\$5.65 + \$3.15 = [\$8.80]$   
☐  $\$8.42 - \$4.25 = [\$4.17]$

Part A

16 \_\_\_\_\_

19 \_\_\_\_\_

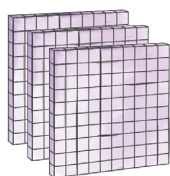
15 \_\_\_\_\_

18 \_\_\_\_\_

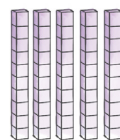
17 \_\_\_\_\_



Part B



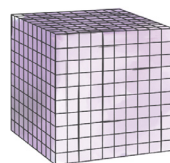
hundreds



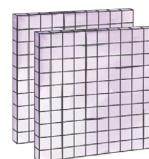
tens



ones



thousands

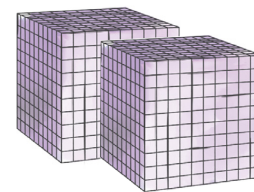


hundreds



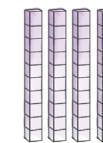
tens

ones



thousands

hundreds



tens



ones



519 \_\_\_\_\_

1,982 \_\_\_\_\_

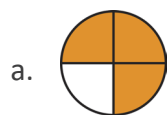
7,801 \_\_\_\_\_

59 → \_\_\_\_\_

34 → \_\_\_\_\_

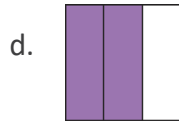
65 → \_\_\_\_\_

Part C

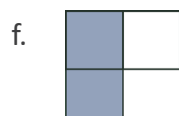













$$\frac{1}{2}$$

$$\frac{2}{4}$$

$$\frac{1}{4}$$

$$\frac{3}{4}$$

$$\frac{4}{5}$$

$$\frac{2}{5}$$

$$\frac{7}{8}$$

$$\frac{3}{8}$$

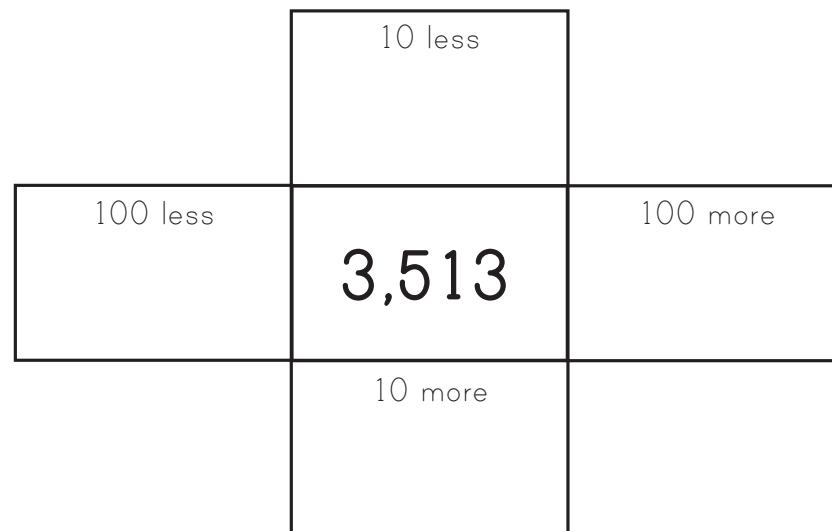
Part D

$$\begin{array}{r} 398 \\ + 274 \\ \hline \end{array}$$

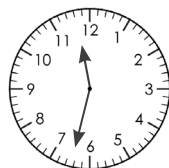
$$\begin{array}{r} 564 \\ - 243 \\ \hline \end{array}$$

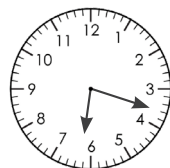
$$\begin{array}{r} 546 \\ + 287 \\ \hline \end{array}$$

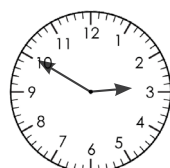
$$\begin{array}{r} 721 \\ - 367 \\ \hline \end{array}$$



Part E








Quarter after 12

Half past 9

Quarter to 2

$$\begin{array}{r} \$5.65 \\ + \$3.15 \\ \hline \end{array}$$

$$\begin{array}{r} \$8.42 \\ - \$4.25 \\ \hline \end{array}$$

# SIMPLY GOOD AND BEAUTIFUL MATH 4

## Placement Test

This placement test assesses a child's readiness to begin *Simply Good and Beautiful Math 4*. The first two pages are for the parent/teacher to record the child's score and include the oral portion of the test. Blue text is instruction to the parent/teacher. Black text is read to the child. The last two pages are the student pages and should be given to the child when ready to begin. To record the child's scores, place a check mark in the circle located next to each question on the parent/teacher pages for each correct response. The answer for each question can be found in brackets. After the child completes the assessment, write the total number of check marks in the box at the bottom of page 2.

### Part A: Numbers Through the Millions

**Point to the top of the Part A box on page 3. Read to the child:** Round the number shown at the top of the box to each place value listed.

- ☐ ten thousands [6,150,000]
- ☐ thousands [6,149,000]
- ☐ millions [6,000,000]
- ☐ hundred thousands [6,100,000]

**Read to the child:** Write the expanded form for each of the numbers listed in the middle of the Part A box.

- ☐ 5,981,719 [5,000,000 + 900,000 + 80,000 + 1,000 + 700 + 10 + 9]
- ☐ 132,257 [100,000 + 30,000 + 2,000 + 200 + 50 + 7]
- ☐ 97,720 [90,000 + 7,000 + 700 + 20]

**Point to the bottom of the Part A box. Read to the child:** Write each number listed in word form.

- ☐ 761,983 [seven hundred sixty-one thousand, nine hundred eighty-three]
- ☐ 2,873,019 [two million, eight hundred seventy-three thousand, nineteen]
- ☐ 34,923 [thirty-four thousand, nine hundred twenty-three]

### Part B: Addition & Subtraction

**Point to the Part B box on page 3. Read to the child:** Complete each problem in this box.

- ☐  $342,801 + 149,989 = [492,790]$
- ☐  $75,981 + 31,367 = [107,348]$
- ☐  $42,719 + 10,000 = [52,719]$
- ☐  $3,518,382 - 2,995,171 = [523,211]$
- ☐  $5,791 - 3,291 = [2,500]$
- ☐  $9,000 - 3,526 = [5,474]$

### Part C: Multiplication & Division

**Point to the Part C box on page 3. Read to the child:** Complete each problem in this box.

- ☐  $102 \times 5 = [510]$
- ☐  $1,352 \times 3 = [4,056]$
- ☐  $7,000 \times 4 = [28,000]$
- ☐  $16 \div 2 = [8]$
- ☐  $24 \div 6 = [4]$
- ☐  $9 \div 3 = [3]$

The items listed below are not assessed in this placement test. It is expected that the child knows these concepts before starting *Simply Good and Beautiful Math 4*.

- 3D shapes (cube, cone, cylinder, sphere, rectangular prism, pyramid)
- Days of the week
- Months of the year
- The difference between AM and PM
- Common measurement conversions (12 inches = 1 foot, 3 feet = 1 yard, etc.)

**Note about Multiplication Facts:** Although the child is encouraged to have the multiplication facts up to  $12 \times 12$  memorized, *Simply Good and Beautiful Math 4* includes practice for all of these multiplication facts.

### Part D: Fractions

Point to the Part D box on page 4. Read to the child: Look at the different shapes shown at the top of the box. Write the shaded part of each shape or shapes as a fraction or mixed number.

- ☐ [ $\frac{4}{10}$  or  $\frac{2}{5}$ ]      ☐ [ $\frac{2}{5}$ ]  
☐ [ $\frac{5}{8}$ ]      ☐ [ $\frac{3}{8}$ ]  
☐ [ $1\frac{2}{3}$ ]      ☐ [ $2\frac{1}{2}$ ]

Read to the child: Look at the fractions listed in the middle of the Part D box. Compare each pair of fractions using a greater than, less than, or equal sign.

- ☐  $\frac{1}{2}$  [=]  $\frac{3}{6}$       ☐  $\frac{3}{4}$  [<]  $\frac{3}{6}$   
☐  $\frac{5}{7}$  [>]  $\frac{1}{7}$       ☐  $\frac{4}{4}$  [=]  $\frac{3}{3}$

Read to the child: Look at the problems listed at the bottom of the Part D box. Add or subtract each group of fractions or mixed numbers.

- ☐  $\frac{3}{5} + \frac{1}{5} = [\frac{4}{5}]$       ☐  $3\frac{2}{7} + 1\frac{3}{7} = [4\frac{5}{7}]$   
☐  $\frac{7}{8} - \frac{5}{8} = [\frac{2}{8} \text{ or } \frac{1}{4}]$       ☐  $2\frac{3}{4} - 1\frac{1}{4} = [1\frac{2}{4} \text{ or } 1\frac{1}{2}]$

Number of correct responses

There are 60 points possible for this test. If the score is 48 or more, the child is ready to begin *Simply Good and Beautiful Math 4*. If the score is 47 or less, it is recommended to review the concepts the child has not yet mastered before beginning the course.

Although it is encouraged that the child have these important concepts mastered, *Simply Good and Beautiful Math 4* reviews all the concepts assessed in this placement test.

### Part E: Time & Money

Point to the Part E box on page 4. Read to the child: Look at the clocks. Write the time shown in the box below each clock.

- ☐ [11:14 AM]      ☐ [11:47 AM]  
☐ [4:00 PM]      ☐ [9:30 PM]

Read to the child: Using the same clocks as before, write how much time has passed from the clock on the left to the clock on the right.

- ☐ 11:14 AM to 11:47 AM [33 minutes]  
☐ 4:00 PM to 9:30 PM [5 hours 30 minutes]

Read to the child: Write the times to show the time expressions listed.

- ☐ 10 til 5 [4:50]  
☐ 10 past 3 [3:10]

Point to the multiplication problems.

Read to the child: Complete each money multiplication problem.

- ☐  $\$5.62 \times 2 = [\$11.24]$   
☐  $\$4.25 \times 6 = [\$25.50]$



### Part F: Geometry

Point to the top of the Part F box on page 4. Read to the child: Look at these geometric figures. Point to the figure that matches the name I say aloud. If the child points to an incorrect figure, point to the correct figure before moving on.

- ☐ point •  
☐ line  $\longleftrightarrow$   
☐ line segment  $\text{---}$   
☐ ray  $\text{---}\rightarrow$   
☐ parallel lines  $\longleftrightarrow$   
☐ perpendicular lines  $\perp$   
☐ acute angle  $\angle$   
☐ obtuse angle  $\angle$   
☐ right angle  $\angle$

Point to the bottom of the Part F box. Read to the child: Look at these shapes. Point to the shape that matches the name I say aloud. If the child points to an incorrect shape, point to the correct shape before moving on.

- ☐ square  $\square$   
☐ trapezoid  $\text{trapezoid}$   
☐ rectangle  $\text{rectangle}$   
☐ rhombus  $\text{rhombus}$   
☐ parallelogram  $\text{parallelogram}$

Part A

6,148,748

ten thousands

thousands

millions

hundred thousands

5,981,719

132,257

97,720

761,983

2,873,019

34,923

Part B

342,801

+ 149,989

75,981

+ 31,367

42,719

+ 10,000

3,518,382

- 2,995,171

5,791

- 3,291

9,000

- 3,526

Part C

102

$\times 5$

$7,000 \times 4 =$

$16 \div 2 =$

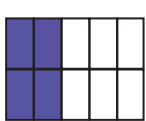
$24 \div 6 =$

$9 \div 3 =$

1,352

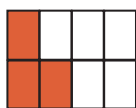
$\times 3$

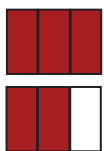
Part D

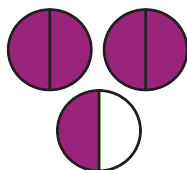













$$\frac{1}{2}$$

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

$$\frac{3}{9}$$

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

$$\frac{5}{7}$$

$$\frac{1}{7}$$

$$\frac{4}{4}$$

$$\frac{3}{3}$$

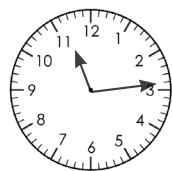
$$\frac{3}{5} + \frac{1}{5} =$$

$$3\frac{2}{7} + 1\frac{3}{7} =$$

$$\frac{7}{8} - \frac{5}{8} =$$

$$2\frac{3}{4} - 1\frac{1}{4} =$$

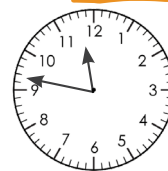
Part E



AM

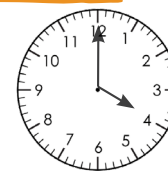
: AM

Elapsed Time



: AM

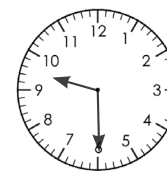
10 past 3



PM

: PM

Elapsed Time

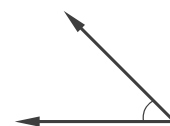
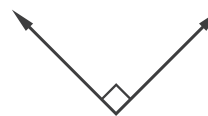
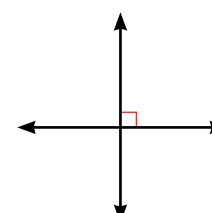
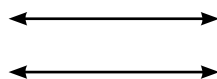


: PM

\$5.62

\$4.25

Part F



# SIMPLY GOOD AND BEAUTIFUL MATH 5

Placement Test

This placement test assesses a child's readiness to begin *Simply Good and Beautiful Math 5*. The first two pages are for the parent/teacher to record the child's score and include the oral portion of the test. Blue text is instruction to the parent/teacher. Black text is read to the child. The last three pages are the student pages and should be given to the child when ready to begin. To record the child's scores, place a check mark in the circle located next to each question on the parent/teacher pages for each correct response. The answer for each question can be found in brackets. After the child completes the assessment, write the total number of check marks in the box at the bottom of page 2.

## Part A: Numbers Through the Millions

**Point to the Part A box on page 3. Read to the child:** Round the number shown on the left side of the box to each place value listed.

- ☐ ten millions [370,000,000]
- ☐ millions [372,000,000]
- ☐ hundred thousands [371,800,000]
- ☐ hundred millions [400,000,000]

**Read to the child:** Compare each pair of numbers using a less than, greater than, or equal sign.

- ☐ 39,715,624 [ $<$ ] 39,717,842
- ☐ 2,674,824 [ $>$ ] 677,917

**Read to the child:** Order the numbers from greatest (on top) to least.

- ☐ 347,287,104 (greatest)
- ☐ 347,234,765
- ☐ 347,231,985 (least)

## Part B: Decimal Numbers

**Point to the Part B box on page 3 and read to the child:** Write each decimal number using digits in the table.

- ☐ ten and thirty-three hundredths [10.33]
- ☐ four and five tenths [4.5]
- ☐ seven and five hundred eighty-nine thousandths [7.589]
- ☐ twenty-one and six hundredths [21.06]

**Read to the child:** Complete each problem.

- ☐  $0.75 + 57.80 = [58.55]$
- ☐  $287.150 - 6.724 = [280.426]$
- ☐  $182 \times 3.4 = [618.8]$

**Read to the child:** Round each decimal number to the nearest whole number.

- ☐ 42.7 [43]
- ☐ 128.2 [128]
- ☐ 90.5 [91]

**Read to the child:** Compare each pair of decimal numbers using a greater than or less than symbol.

- ☐ 24.53 [ $>$ ] 23.58      ☐ 41.8 [ $>$ ] 41.08

## Part C: Multiplication & Long Division

**Point to the Part C box on page 3. Read to the child:** Complete each problem in this box.

- ☐  $40,000 \times 5 = [200,000]$
- ☐  $41 \times 23 = [943]$
- ☐  $345 \times 13 = [4,485]$
- ☐  $547 \div 4 = [136 \text{ R}3]$
- ☐  $5,212 \div 4 = [1,303]$
- ☐  $2,688 \div 12 = [224]$

The items listed below are not assessed in this placement test. It is expected that the child knows these concepts before starting *Simply Good and Beautiful Math 5*.

- 3D shapes (cube, cone, cylinder, sphere, rectangular prism, pyramid)
- Tell time to the nearest minute
- The difference between AM and PM
- Write numbers in expanded form and word form
- Multi-digit addition and subtraction with regrouping
- Multiplication facts up to  $12 \times 12$
- Common measurement conversions (12 inches = 1 foot, 3 feet = 1 yard, etc.)

## Part D: Fractions

Point to the Part D box on page 4.

**Read to the child:** Find the fraction of each set. You can use the image to help find the answer.

- ☐  $\frac{1}{2}$  of 20 [10]
- ☐  $\frac{3}{4}$  of 20 [15]
- ☐  $\frac{4}{5}$  of 20 [16]

**Read to the child:** Change each improper fraction to a mixed number.

- ☐  $\frac{12}{5}$  [ $2\frac{2}{5}$ ]
- ☐  $\frac{9}{4}$  [ $2\frac{1}{4}$ ]

**Read to the child:** Look at the problems listed at the bottom of the box. Add or subtract the fractions or mixed numbers.

- ☐  $\frac{3}{5} - \frac{3}{10} = [\frac{3}{10}]$
- ☐  $\frac{3}{8} + \frac{1}{4} = [\frac{5}{8}]$
- ☐  $3\frac{1}{2} + 4\frac{1}{4} = [7\frac{3}{4}]$

## Part E: Factors, Multiples &amp; Order of Operations

Point to the Part E box on page 4. Read

**to the child:** List the factors of the blue numbers and list 10 multiples of the red numbers.

FACTORS:

- ☐ 12 [1, 2, 3, 4, 6, 12]
- ☐ 24 [1, 2, 3, 4, 6, 8, 12, 24]

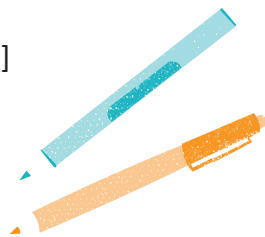
MULTIPLES:

- ☐ 6 [6, 12, 18, 24, 30, 36, 42, 48, 54, 60]
- ☐ 8 [8, 16, 24, 32, 40, 48, 56, 64, 72, 80]

Point to the bottom half of the box. Read

**to the child:** Complete each problem using the order of operations.

- ☐  $8 + (7 \times 2) = [22]$
- ☐  $8 \times 7 + 8 - 5 = [59]$
- ☐  $(8 \times 3) \div 2 = [12]$
- ☐  $3^2 + 5 - 3 = [11]$



## Part F: Elapsed Time, Geometry &amp; Measurement

Point to the Part F box on page 5. Read to the

**child:** Using each pair of digital clocks shown, write how much time has passed from the clock on the left to the clock on the right.

- ☐ 8:42 AM to 10:08 AM [1 hour 26 minutes]
- ☐ 1:25 PM to 6:39 PM [5 hours 14 minutes]

Point to the blank space at the top of the box.

**Read to the child:** Draw each geometric figure that I say aloud. **If the child draws an incorrect figure, help the child draw the correct figure before moving on.**

- |                                       |   |
|---------------------------------------|---|
| <input type="radio"/> point •         | <input type="radio"/> perpendicular lines |
| <input type="radio"/> horizontal line | <input type="radio"/> acute angle         |
| <input type="radio"/> line segment    | <input type="radio"/> obtuse angle        |
| <input type="radio"/> ray             | <input type="radio"/> right angle         |
| <input type="radio"/> parallel lines  | <input type="radio"/> vertical line       |

**Read to the child:** Find the perimeter and area of each 2D shape and the volume of the 3D shape.

- ☐ rectangle perimeter = [36] cm; area = [72] sq cm
- ☐ triangle perimeter = [16] in; area = [12] sq in
- ☐ rectangular prism volume = [315] cubic cm

**Read to the child:** Measure the top line segment to the nearest half inch and the bottom line segment to the nearest quarter inch.

- ☐ top line segment [ $8\frac{1}{2}$  inches]
- ☐ bottom line segment [ $5\frac{1}{4}$  inches]

Number of correct responses



There are 60 points possible for this test. If the score is 48 or more, the child is ready to begin *Simply Good and Beautiful Math 5*. If the score is 47 or less, it is recommended to review the concepts the child has not yet mastered before beginning the course.

Although it is encouraged that the child have these important concepts mastered, *Simply Good and Beautiful Math 5* reviews all the concepts assessed in this placement test.

Part A

371,751,248

ten millions

millions

hundred thousands

hundred millions

39,715,624  39,717,842

2,674,824  677,917

347,231,985

347,287,104

347,234,765

greatest
least

Part B

ten and thirty-three hundredths
four and five tenths
seven and five hundred eighty-nine thousandths
twenty-one and six hundredths

$0.75$	$287.150$	$182$
$+ 57.80$	$- 6.724$	$\times 3.4$
<input type="text"/>	<input type="text"/>	<input type="text"/>

Part C

$40,000 \times 5 =$

$$\begin{array}{r} 41 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} 345 \\ \times 13 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \overline{)547} \end{array}$$

$$\begin{array}{r} 4 \overline{)5,212} \end{array}$$

$$\begin{array}{r} 12 \overline{)2,688} \end{array}$$

$42.7 \rightarrow$  \_\_\_\_\_  
 $128.2 \rightarrow$  \_\_\_\_\_  
 $90.5 \rightarrow$  \_\_\_\_\_

$24.53$    $23.58$   
 $41.8$    $41.08$

Part D



$\frac{1}{2}$  of 20

$\frac{3}{4}$  of 20

$\frac{4}{5}$  of 20

$\frac{12}{5} =$

$\frac{9}{4} =$

$\frac{3}{5} - \frac{3}{10} =$        $\frac{3}{8} + \frac{1}{4} =$

$3\frac{1}{2} + 4\frac{1}{4} =$

Part E

12

24

6

8

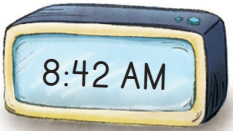
$8 + (7 \times 2) =$

$8 \times 7 + 8 - 5 =$

$(8 \times 3) \div 2 =$

$3^2 + 5 - 3 =$

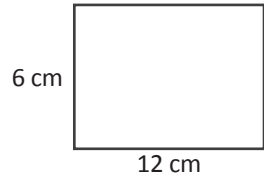
Part F



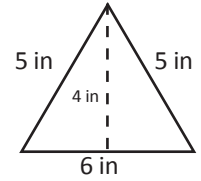
Elapsed Time



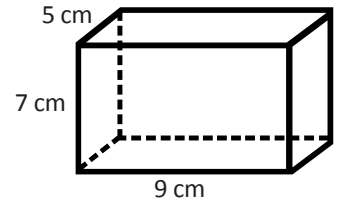
Elapsed Time



perimeter = \_\_\_\_\_ cm  
area = \_\_\_\_\_ sq cm



perimeter = \_\_\_\_\_ in  
area = \_\_\_\_\_ sq in



volume = \_\_\_\_\_ cubic cm

