[A Head]Appendix A: Placement Test

The Placement Test provides for three outcomes:

- The student lacks the necessary skills to place in *CMC Level C.*
- The student places at Lesson 1 of *CMC Level C.*
- The student places at Lesson 16 of *CMC Level C.*

The test has two sections: 1 and 2.
Students who have not gone through *CMC Level B* should take Section 1. Results of this section will determine whether each student has the necessary skills to place at Lesson 1.
Students who have gone through *CMC Level B* should take Section 2. Results of this section will determine whether a student places at Lesson 1 or Lesson 16 of Level C.
If possible, present the Placement Test on the first day of instruction. Pass out a test to each student. Present the wording in the test Administration Directions script.
Note: What you say is shown in blue type. When observing students, make sure that they are working on the correct part of the test. Be careful not to prompt them in a way that would let them know the answer to an item.
Reproducible copies of the test appear on pages 00-00 of this guide.

[B Head]Connecting Math Concepts–Level C

PLACEMENT TEST, Section 1

[C head] Administration Directions

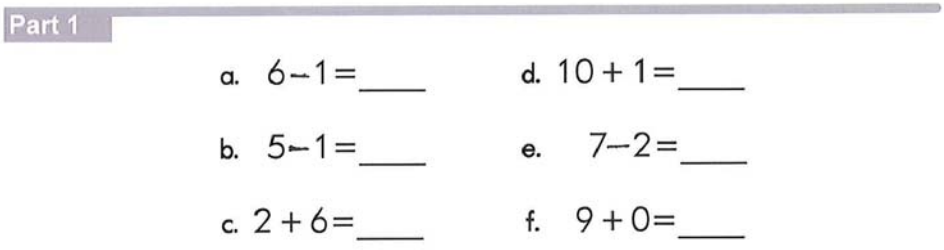
a. (Hand out Placement Test, Section 1.)

- Write your name on the top line.

(Check student responses.)

b. Touch Part 1. √

[Insert: mini of placement Section 1, part 1]



You'll read each problem.

- Touch A. √

  Read the problem. (Signal.) *6 – 1.*

- Touch B. √

  Read the problem. (Signal.) *5 – 1.*

- Touch C. √

  Read the problem. (Signal.) *2 + 6.*

- Touch D. √

  Read the problem. (Signal.) *10 + 1.*

- Touch E. √

  Read the problem. (Signal.) *7 – 2.*

- Touch F. √

  Read the problem. (Signal.) *9 + 0.*

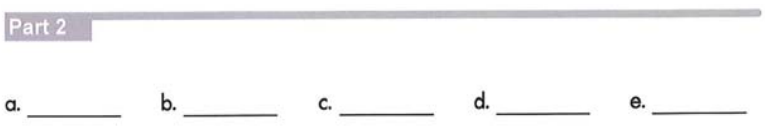
c. Write answers to all the problems in Part 1.

If you don't know an answer, do not look at anybody else's paper. Pencils down when you're finished.

(Observe students but do not give feedback.)

d. Touch Part 2. √

[Insert: mini of placement Section 1, part 2]



I'll say numbers. You'll write them.

- Touch A. √

  52. What number? (Signal.) *52.*

Write it. √

- Touch B. √

  71. What number? (Signal.) *71.*

  Write it. √

- Touch C. √

  12. What number? (Signal.) *12.*

  Write it. √

- Touch D. √

  17. What number? (Signal.) *17.*

  Write it. √

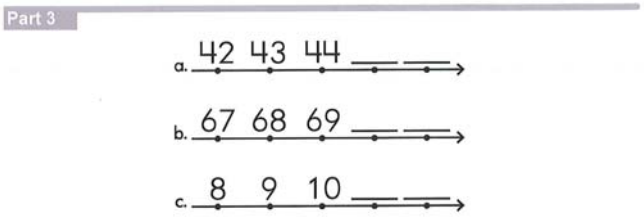
- Touch E. √

  80. What number? (Signal.) *80.*

  Write it. √

e. Touch Part 3. √

[Insert: mini of placement Section 1, part 3]



You'll write a number in each blank.

The numbers you'll write are the numbers you say when you count.

- Touch A. √

  The numbers that are shown are 42, 43, 44.

Write the next two numbers that come after 44.

(Observe students.)

- Touch B. √

  The numbers that are shown are 67, 68, 69.

  Write the next two numbers.

  (Observe students.)

- Touch C. √

  The numbers that are shown are 8, 9,10.

  Write the next two numbers.

  (Observe students.)

f. (Collect and score Placement Test, Section 1.)

—Scoring the Test—

Students who make zero to 3 errors should take Section 2 of the Placement Test. Students who make more than 3 errors lack the entry-level skills for this level of the program.

[B Head]Connecting Math Concepts–Level C

PLACEMENT TEST, Section 2

[C head] Administration Directions

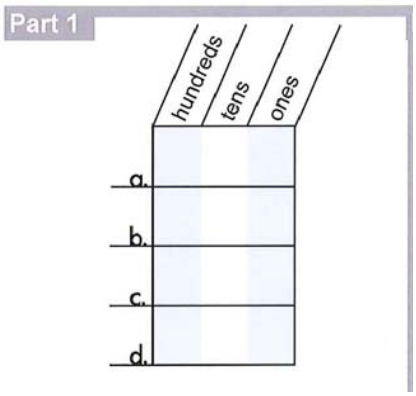
a. (Hand out Placement Test, Section 2.)

- Write your name on the top line.

  (Check student responses.)

b. Touch Part 1. √

[Insert: mini of placement test Section 2, part 1]



You're going to write numbers. Some are ones numbers, some are tens numbers, and some are hundreds numbers.

- Touch A. √

  5 hundred 13. What number? (Signal.) *513.*

  Write it. √

- Touch B. √

  7. What number? (Signal.) *7.*

  Write it. √

- Touch C. √

30. What number? (Signal.) *30.*

Write it. √

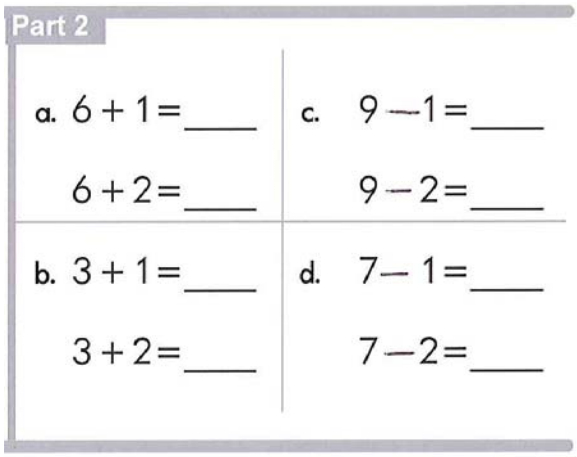
- Touch D. √

6 hundred 5. What number? (Signal.) *605.*

Write it. √

c. Touch Part 2. √

[Insert: mini of placement test Section 2, part 2]



Part 2

a. 6 + 1 = ____ 6 + 2 = ____	c. 9 − 1 = ____ 9 − 2 = ____
b. 3 + 1 = ____ 3 + 2 = ____	d. 7 − 1 = ____ 7 − 2 = ____

Some problems plus 1 and plus 2. Some problems minus 1 and minus 2.

- Read each problem to yourself and write the answer. √

d. Touch Part 3. √

[Insert: mini of placement test Section 2, part 3]

Part 3 Write the missing numbers.

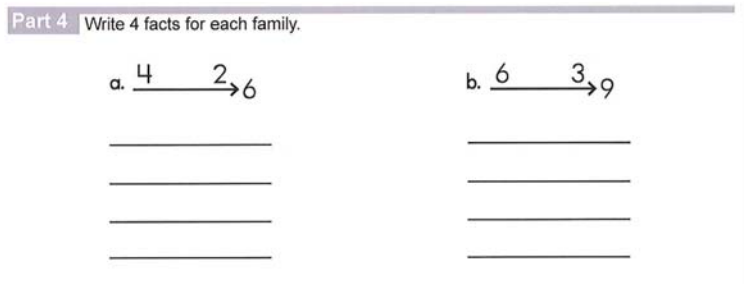
a. 10 9 ___ ___ ___ ___ 4 ___ ___ ___

b. 20 ___ 18 ___ ___ ___ ___ 13 ___ ___ ___

- Fill in the missing numbers. √

e. Touch part 4. √

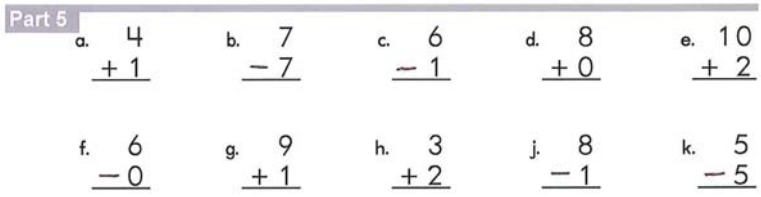
[Insert: mini of placement test Section 2, part 4]



- Write four facts for each family. √

f. Touch Part 5. √

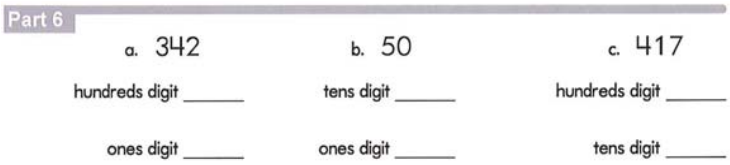
[Insert: mini of placement test Section 2, part 5]



- Read each problem to yourself and write the answer. √

g. Touch Part 6. √

[Insert: mini of placement test Section 2, part 6]



- Touch the number for A. √

  You'll write the hundreds digit and the ones digit.

  Listen again: Hundreds digit and ones digit.

Write them. √

- Touch the number for B. √

  You'll write the tens digit and the ones digit.

  Listen again: Tens digit and ones digit.

  Write them. √

- Touch the number for C. √

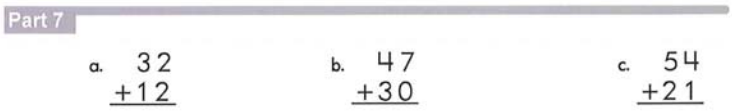
  You'll write the hundreds digit and the tens digit.

  Listen again: Hundreds digit and tens digit.

  Write them. √

h. Touch Part 7. √

[Insert: mini of placement test Section 2, part 7]



- Work each problem. √

  (Collect and score Placement Test, Section 2.)

—Scoring the Test—

(Students who make zero to 10 errors begin instruction at Lesson 11. Students who make more than 10 errors begin instruction at Lesson 1.)

[Comp: insert Reproducible Placement Test, Section 1]

☐ errors

CMC Level C Placement Test Part A Name _____

Part 1

a. 6 − 1 = ___ d. 10 + 1 = ___

b. 5 − 1 = ___ e. 7 − 2 = ___

c. 2 + 6 = ___ f. 9 + 0 = ___

Part 2

a. _____ b. _____ c. _____ d. _____ e. _____

Part 3

a. 42 43 44 ___ ___ →

b. 67 68 69 ___ ___ →

c. 8 9 10 ___ ___ →

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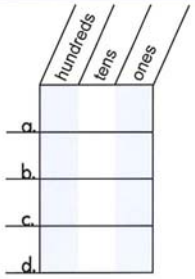
[Comp: insert Reproducible Placement Test, Section 2, parts 1-4]

☐ errors

CMC Level C Placement Test Part B Name _____

Part 1



Part 2

a. 6 + 1 = ___ c. 9 − 1 = ___

6 + 2 = ___ 9 − 2 = ___

b. 3 + 1 = ___ d. 7 − 1 = ___

3 + 2 = ___ 7 − 2 = ___

Part 3 Write the missing numbers.

a. 10 9 ___ ___ ___ ___ 4 ___ ___ ___

b. 20 ___ 18 ___ ___ ___ ___ 13 ___ ___ ___

Part 4 Write 4 facts for each family.

a. 4 2 → 6

_____

_____

_____

_____

b. 6 3 → 9

_____

_____

_____

_____

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[Comp: insert Reproducible Placement Test, Section 2, parts 5-7]

CMC Level C Placement Test Part B cont.

Part 5

a. $4 + 1$ b. $7 - 7$ c. $6 - 1$ d. $8 + 0$ e. $10 + 2$

f. $6 - 0$ g. $9 + 1$ h. $3 + 2$ j. $8 - 1$ k. $5 - 5$

Part 6

a. 342 — hundreds digit _____ ones digit _____

b. 50 — tens digit _____ ones digit _____

c. 417 — hundreds digit _____ tens digit _____

Part 7

a. $32 + 12$ b. $47 + 30$ c. $54 + 21$

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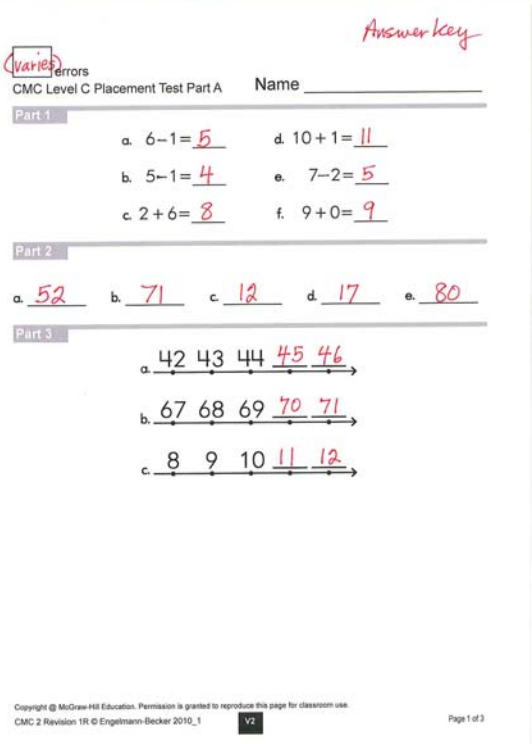
[Comp: insert Reproducible Placement Test, Answer Key 4-up]

CMC Level C Placement Test Answer Key, Section 1



Answer key

(varies) errors

CMC Level C Placement Test Part A Name _____

Part 1

a. 6−1= 5 d. 10+1= 11

b. 5−1= 4 e. 7−2= 5

c. 2+6= 8 f. 9+0= 9

Part 2

a. 52 b. 71 c. 12 d. 17 e. 80

Part 3

a. 42 43 44 45 46 →

b. 67 68 69 70 71 →

c. 8 9 10 11 12 →

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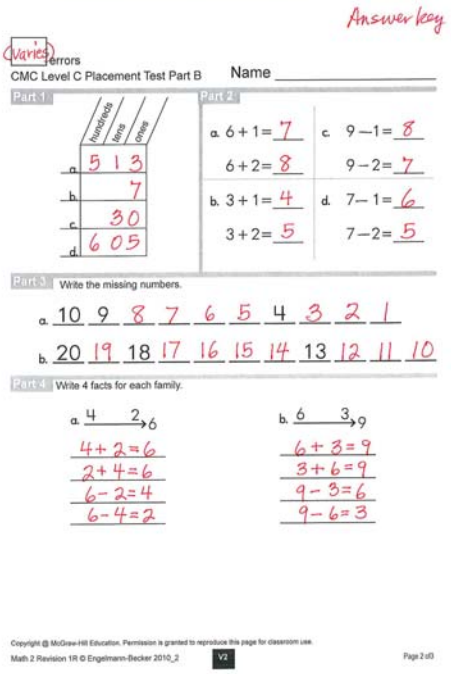
CMC Level C Placement Test Answer Key, Section 2



Answer key

(varies) errors

CMC Level C Placement Test Part B Name _____

Part 1

	hundreds	tens	ones
a.	5	1	3
b.			7
c.		3	0
d.	6	0	5

Part 2

a. 6+1= 7 c. 9−1= 8

6+2= 8 9−2= 7

b. 3+1= 4 d. 7−1= 6

3+2= 5 7−2= 5

Part 3 Write the missing numbers.

a. 10 9 8 7 6 5 4 3 2 1

b. 20 19 18 17 16 15 14 13 12 11 10

Part 4 Write 4 facts for each family.

a. 4 2 → 6

4+2=6
2+4=6
6−2=4
6−4=2

b. 6 3 → 9

6+3=9
3+6=9
9−3=6
9−6=3

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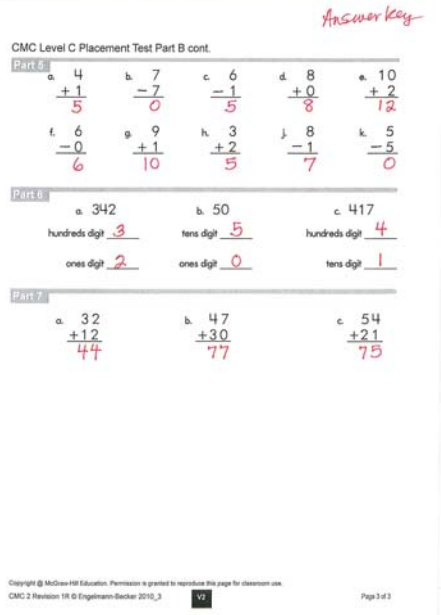

Answer key

CMC Level C Placement Test Part B cont.

Part 5

a.	b.	c.	d.	e.
4 +1 = 5	7 −7 = 0	6 −1 = 5	8 +0 = 8	10 +2 = 12
f.	**g.**	**h.**	**j.**	**k.**
6 −0 = 6	9 +1 = 10	3 +2 = 5	8 −1 = 7	5 −5 = 0

Part 6

a. 342 hundreds digit 3 ones digit 2

b. 50 tens digit 5 ones digit 0

c. 417 hundreds digit 4 tens digit 1

Part 7

a.	b.	c.
32 +12 = 44	47 +30 = 77	54 +21 = 75

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