Level F Placement Test

The Placement Test provides for three outcomes:

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

The test has two sections: 1 and 2.

Students who have not gone through *CMC Level E* 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 E* should take Section 2. Results of this section will determine whether a student places at Lesson 1 or Lesson 16 of *Level F*.

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. Do not prompt them in a way that would let them know the answer to an item.

Reproducible copies of the test appear at the back of this guide.

CONNECTING MATH CONCEPTS— LEVEL F

PLACEMENT TEST, Section 1

Administration Directions

- a. (Hand out Placement Test, Section 1 to students. Direct students to put their names on the top of the test.)
- b. Everybody, find part 1. (Teacher reference:)

- For part 1, you'll write answers to multiplication problems. I'll time you. You'll have 1 minute and 30 seconds to write the answers to the problems in part 1.
- Pencils ready. Go.
- (At the end of 1 minute and 30 seconds, say:) Everybody, stop and put a circle around the last problem you answered.
- c. Find part 2. (Teacher reference:)

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7\[ 49 \] 5\[ 30 \] 8\[ 24 \] 7\[ 42 \] 6\[ 24 \] 6\[ 48 \] 9\[ 72 \] 6\[ 54 \] 7\[ 63 \] 6\[ 42 \] 7\[ 56 \]
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d. Touch part 3.

(Teacher reference:)

a.
$$\frac{2}{7} \times \frac{1}{4} = -$$

Part 4 Make a number family with two letters and a number.

- a. Mary is 25 years older than her daughter.
- b. Bill owns 110 fewer stamps than Jim.
- c. Jill earned \$265 less than Fabio.
- d. The store is 12 feet taller than than house.

Cross out the problems you cannot work the way they are written. Then work the rest of the problems.

a.
$$\frac{3}{4} \times \frac{1}{8} = -$$

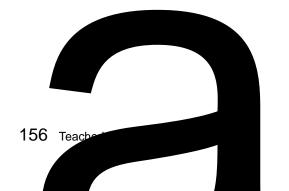
b.
$$\frac{12}{5} + \frac{2}{2} = -$$

C.
$$\frac{18}{4} + \frac{4}{4} = -$$

d.
$$\frac{8}{8} + \frac{7}{9} = -$$

e.
$$\frac{20}{3} - \frac{10}{3} = -$$

f.
$$\frac{9}{2} \times \frac{5}{2} = -$$



	varies errors CMC Level F Placement Test, Section 1 Name:								
6 × 6 36		8 <u>× 8</u> 64	7 <u>× 5</u> 35	9 <u>× 9</u> 81	9 <u>× 7</u> 63	6 <u>× 8</u> 48	4 <u>× 9</u> 36	6 <u>× 4</u> 24	7 <u>× 9</u> 63
8 <u>× 7</u> 56		6 <u>× 7</u> 42	8 × 6 48	9 × 6 54	7 <u>× 8</u> 56	4 × 7 28	9 <u>× 8</u> 72	6 <u>× 9</u> 54	4 × 8 32
Part 7 49	5 30	8 24							
and	8 80	981	9 45	9 63	8 72	6 36	3 24	8 40	3 27
Part	Part 3 a1092 b18,400 c9002 d14,060						1,060		
Part 4 a. 4 0 4 6 - 1 3 9 3 9 0 7 b. 8 6 1 0 - 1 4 2 0 7 1 9 0					c. 2604 - 793 1811				
Part		5 4 <u>7</u> 7 8		b. 3 <u>×</u>			c. <u>×</u>	6 4 2 3 5 8 2,1 1	5

Connecting Math Concepts

Placement Test 1