WEEKLY GROWTH RATES FOR CBM MATHEMATICS

Grade	Realistic Growth Rate	Ambitious Growth Rate
1	.3	.5
2	.3	.5
3	.3	.5
4	.7	1.15
5	.75	1.20
6	.45	1

Taken from Fuchs, L. S., Fuchs, D., Hamlett, C. L., Walz, L., & Germann, G. (1993). Formative evaluation of academic progress: How much growth can we expect? *School Psychology Review, 22, 27-48.*

ALLOTTED TIMES BY GRADE LEVEL AND TYPE OF PROBE

Grade	Computation	Concepts/Applications
Grade 1	2 min	
Grade 2	2 min	8 min
Grade 3	3 min	6 min
Grade 4	3 min	6 min
Grade 5	5 min	7 min
Grade 6	6 min	7 min

A "CORRECT DIGIT" IS THE RIGHT NUMERAL IN THE RIGHT PLACE

4507	4507	4507
-2146	-2146	-2146
2361	**2461**	**2441**
⇧ ⇧ ⇧ ⇧	⇧ ⇧ ⇧	⇧ ⇧
4 correct digits	**3 correct digits**	**2 correct digits**

- Random numerals within problems
- Random placement of problem types on page

Taken from:

Fuchs, L. S., Hamlett, C. L., & Fuchs, D. (1998). Monitoring Basic Skills Progress: Basic Math Computation (2nd ed.) [Computer software]. Austin, TX: PRO-ED.

Sheet #1 Computation 4

Password: ARM

Name: _____ Date _____

A $\frac{3}{7} - \frac{2}{7} =$	B $1\frac{6}{7} + 3 =$	C $4\overline{)6}$	D $6\overline{)78}$	E 875 x 7
F 6 x 7	G 9 x 0	H 244 x 7	I $6\overline{)48}$	J $5\overline{)20}$
K $2\overline{)50}$	L 6144 - 4420	M 33 x 10	N 6 x 0	O $7\overline{)30}$
P 95225 + 75268	Q [illegible]	R [illegible]	S $7\frac{4}{7} - 2 =$	T 38 x 33
U $\frac{3}{5} + \frac{1}{5} =$	V 982 - 97	W 9 x 5	X 4 x 1	Y $7\overline{)56}$

One page of a 3-page CBM in mathematics concepts and applications (24 total problems)

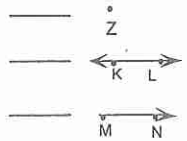
Taken from:
Fuchs, L. S., Hamlett, C. L., & Fuchs, D. (1999). Monitoring Basic Skills Progress: Basic Math Concepts and Applications [Computer software]. Austin, TX: PRO-ED.

Name _____ Date _____ Test 4 Page 1

Column A — Applications 4 — Column B

(1)

Write the letter in each blank.



(A) line segment
(B) line
(C) point
(D) ray

(2)

Look at this numbers.:

356.17

Which number is in the hundredths place? _____

(3)

Solve the problem by estimating the sum or difference to the nearest ten.

Jeff wheels his wheelchair for 33 hours a week at school and for 28 hours a week in his neighborhood. About how many hours does Jeff spend each week wheeling his wheelchair?

_____

(4)

Write the number in each blank.

3 ten thousands, 6 hundreds, 8 ones

_____

2 thousands, 8 hundreds, 4 tens, 6 ones

_____

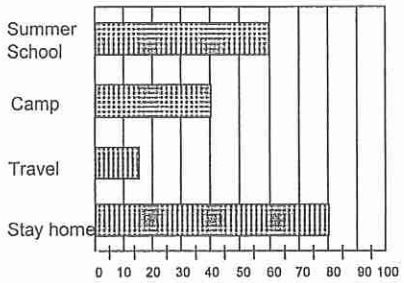
(5)

Write a number in the blank.

1 week = _____ days

(6)

Vacation Plans for Summit School Students



Number of Students

Use the bar graph to answer the questions.

The P.T.A. will buy a Summit School T-Shirt for each student who goes to summer school. Each shirt costs $4.00. How much money will the P.T.A. spend on these T shirts? $ .00

How many students are planning to travel during the summer? _____

How many fewer students are planning to go to summer school than planning to stay home? _____

(7)

To measure the distance of the bus ride from school to your house you would use

(A) meters
(B) centimeters
(C) kilometers

_____