Sixth Grade Assessment Test	Teacher's Version

Notes for the teacher:
- This test should be given at the end of sixth grade.
- This test does not represent the typical level of difficulty of math problems for sixth grade. It should be quite easy for most of the students.
- The primary purpose of this test is to assess the basic skill level of the whole class, and to determine which students have weak basic skills.
- After this test has been given, parents should receive a report regarding the progress of their child.
- The student's version of the test (4 pages long) should leave plenty of room for student work.
- It may be best to give the first half of this test on one day, and then the second half on the following day.
- The first 20 problems are intended to be mental math and should be read orally by the teacher. For each of these problems, the students should write down only the final answer. The time interval between questions should be about five seconds per question for the easiest questions, and ten seconds per question for the hardest ones.

Mental Math

1) 8+5
2) 7+7
3) 38+7
4) 12+28
5) 11-7
6) 60-3
7) 53-5
8) 72-68
9) 700 – 8
10) 304 – 298

11) 6x9
12) 8x7
13) 40x6
14) 200x40
15) 21÷3
16) 600÷3
17) 8000÷200
18) What is ½ of 50?
19) What is ¼ of 240?
20) What is $^2/_3$ of 21?

Written Addition and Subtraction

21) 284 + 349
22) 67 + 24 + 8 + 43
23) 728 – 253
24) 3604 – 764

Multiplication and Division

25) 624 x 3
26) 83 x 25
27) 749 x 286
28) 430 x 200
29) Use short or long division
    2718÷6
30) Use long division
    8242÷26

Fraction and Decimals

31) $\frac{5}{8} + \frac{2}{8}$

32) $\frac{1}{4} + \frac{2}{3}$

33) $\frac{7}{8} - \frac{5}{11}$

34) $\frac{5}{8}$ x $\frac{2}{8}$

35) $\frac{8}{9}$ x $\frac{7}{8}$

36) $\frac{8}{25}$ x $\frac{35}{48}$

37) $8 \div \frac{1}{3}$

38) $\frac{2}{3} \div \frac{4}{5}$

39) $5\frac{3}{5} + 1\frac{6}{7}$

40) $2\frac{1}{2}$ x $3\frac{2}{5}$

41) $74.1 + 9.24$

42) $30.8 - 4.37$

43) 1.23 x 0.07

44) 39.2 x 1.84

45) $265.8 \div 0.06$

46) What is 0.71 as a fraction?

47) What is 0.025 as a reduced fraction?

48) What is $\frac{19}{1000}$ as a decimal?

49) What is $\frac{37}{400}$ as a decimal?

Word Problems

50) A five-foot long string is cut into six equally long pieces. How long is each piece?

51) If Sally earns $60 per day in her job, how much does she earn in 6 days?

52) At a grocery store, 4 loaves of bread cost $12. What would then be the cost of 5 loaves of bread?

Sixth Grade Assessment Test

Name:_____

Mental Math		**Written Addition and Subtraction**
1)	11)	21) $284 + 349$
2)	12)	
3)	13)	
4)	14)	22) $67 + 24 + 8 + 43$
5)	15)	
6)	16)	
7)	17)	23) $728 - 253$
8)	18)	
9)	19)	
10)	20)	24) $3604 - 764$

Multiplication and Division

25)   624 x 3

26)   83 x 25

27)   749 x 286

28)   430 x 200

29) Use short or long division
         2718÷6

30) Use long division
         8242÷26

Fraction and Decimals

31) $\frac{5}{8} + \frac{2}{8}$

32) $\frac{1}{4} + \frac{2}{3}$

33) $\frac{7}{8} - \frac{5}{11}$

34) $\frac{5}{8} \times \frac{2}{8}$

35) $\frac{8}{9} \times \frac{7}{8}$

36) $\frac{8}{25} \times \frac{35}{48}$

37) $8 \div \frac{1}{3}$

38) $\frac{2}{3} \div \frac{4}{5}$

39) $5\frac{3}{5} + 1\frac{6}{7}$

40) $2\frac{1}{2} \times 3\frac{2}{5}$

Fraction and Decimals

41) 74.1 + 9.24

42) 30.8 − 4.37

43) 1.23 x 0.07

44) 39.2 x 1.84

45) 265.8 ÷ 0.06

46) What is 0.71 as a fraction?

47) What is 0.025 as a reduced fraction?

48) What is $\frac{19}{1000}$ as a decimal?

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Word Problems

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