

MATH 103 – Basic Calculations (no calculators allowed)

Name \_\_\_\_\_

(circle your TA lab section)

▷ **AB1**, F 11:00-12:40, Brian Benson

▷ **AB2**, R 3:00-4:40, Jennifer Weber

▷ **AB3**, R 1:00-2:40, Brian Benson

▷ **AB4**, F 1:00-2:40, Jennifer Weber

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1.  $6.5 + 12.08 =$

2.  $99 \div 6 =$

3.  $1/4 - 5/12 =$

4.  $9 \div 1/2 =$

5.  $3.8 - 5.2 =$

6.  $6/9 \div 3 =$

7. What percent of 90 is equal to 30?

8.  $1\frac{1}{5} \div 3\frac{1}{2} =$

9. 70% of what number is equal to 210?

10.  $1\frac{2}{5} \times 4 =$

11. Write 0.125 as a fraction.

12.  $0.5 \times 1.8 =$

13.  $(-6) - (-9) =$

14.  $21.36 \div 4 =$

15.  $1/4 \times (-52) =$

16.  $4 \times (-7) =$

17.  $4/3 + 3/4 =$

18.  $7 - (-12) =$

19.  $0 \div 3 =$

20.  $16 \times 12 =$

21. Which is greater,  $-10$  or  $-8$ ?

22.  $7 \div$  what number  $= 21$ ?

23.  $6 - 1\frac{3}{7} =$

24.  $53.2 - 4.531 =$

25. Give a number between 100 and 150 that is divisible by 8.

26. Solve for  $x$  if  $6/7 = 42/x$

27.  $10.8 \div 0.4 =$

28.  $1/6 \times 5/7 =$

29.  $4.35 \times 3 =$

30. If you paid \$20 for a garment on sale for  $33\frac{1}{3}\%$  off the original price, what was the original price?

31.  $1\frac{1}{5} \times 2\frac{1}{3} =$

32. Write  $5/16$  in decimal form.

33. Write  $7\frac{1}{4}$  as an improper fraction.

34. Solve for  $R$  if  $2 \times (R + 8) = 60$ .

35.  $2/3 + 4/7 =$

36.  $(-6) \times (-2) =$

37.  $\sqrt{121} =$

38.  $5 \div 0 =$

39.  $-12 - 5 =$

40.  $-4 + 17 =$

41.  $45 \div 1.5 =$

42.  $7/10 - 2/5 =$

43. What is the least common multiple of 6 and 9?

44.  $5/4 \div 1/4 =$

45. Name a number that is divisible by both 18 and 5.

46. Name a number that is between 4.4 and 4.46.

47. 25% of 844 =

48.  $-5 \div (-8) =$

49.  $0 \div 0 =$

50. Solve for  $H$  if  $(H + 6) \div 3 = 8$ .

51.  $2\frac{1}{4} + 1\frac{1}{3} =$

52.  $16 \overline{)132} =$

53.  $0.8 \overline{)11.36} =$