

Name: _____
Academy Middle School
Date: _____
Math – Period: _____

Singapore Math: Chapter 2 Test

Name one equivalent fraction of each.

1) $\frac{4}{7} =$

2) $\frac{3}{11} =$

3) $\frac{1}{9} =$

4) Put these fractions in **descending** order.

$\frac{3}{8}, \frac{1}{4}, \frac{6}{12}$

Simplify the following improper fractions to mixed numbers.

5) $\frac{11}{8} =$

6) $\frac{21}{16} =$

7) $\frac{4}{2} =$

Change the following mixed numbers to improper fractions.

8) $1\frac{6}{7} =$

9) $2\frac{7}{9} =$

10) $4\frac{11}{13} =$

Simplify.

11) $\frac{1}{2} + \frac{6}{7} =$

12) $\frac{4}{5} + \frac{1}{3} =$

13) $\frac{8}{9} + \frac{4}{9} =$

14) $\frac{1}{3} - \frac{1}{8} =$

15) $\frac{9}{11} - \frac{2}{11} =$

16) $\frac{4}{9} - \frac{1}{10} =$

17) $\frac{3}{8} \times \frac{4}{8} =$

18) $\frac{1}{4} \times \frac{2}{3} =$

19) $\frac{3}{7} \times \frac{11}{13} =$

20) $\frac{3}{8} \div \frac{4}{9} =$

21) $\frac{1}{4} \div \frac{3}{4} =$

22) $\frac{4}{9} \div \frac{1}{2} =$

23) $14.62 + 1.9 =$

24) $19.34 + 11 =$

25) $4.12 + 3.2659 =$

26) $4.2 - 1 =$

27) $9.6 - 2.214 =$

28) $6 - 2.3265 =$

29) $2.326 \times 6.3 =$

30) $12 \times 3.1 =$

31) $55.21 \times 2.65 =$

Problems 32 – 34 round your answer two decimal places.

32) $4.26 \div 2 =$

33) $36.96 \div 3.3 =$

34) $6 \div 6.265 =$

Round the following numbers to the nearest ten.

35) $1,742 =$

36) $96.34 =$

37) $23 =$

Round the following numbers to the nearest tenth.

38) $6.3492 =$

39) $17.42694 =$

40) $5216.23 =$

41) How many significant digits are there in 96.041? _____

42) How many significant digits are there in .00301? _____

43) How many significant digits are there in 12.002? _____

Convert the following decimals to fractions. Be sure to simplify.

44) $.49 =$

45) $1.432 =$

46) $23.20 =$

Convert the following fractions to decimals. Round answers two decimal places.

47) $\frac{3}{8} =$

48) $\frac{11}{15} =$

49) $9\frac{11}{17} =$

50) John spent \$24 of his savings on a watch and $\frac{1}{5}$ of the remaining \$120 on a t-shirt.

How much was John's savings before he went shopping?