

This self-test may be taken only after you have completed all of the exercises indicated on your course-content/pacing sheet.

102705

SELF-TEST REVIEW  
FOR TEST 3: DECIMALS

CONVERT TO A DECIMAL (DO NOT ROUND):

1)  $\frac{5}{16}$

2)  $\frac{7}{5}$

CONVERT TO A DECIMAL ROUNDED TO THE NEAREST HUNDREDTH:

3)  $\frac{5}{7}$

4)  $\frac{7}{6}$

CONVERT TO A FRACTION:

5) .0047

6) 1.09

DETERMINE WHICH DECIMAL REPRESENTS THE LARGEST NUMBER:

7) .7, .07, .007

8) .5, .06, .07

ADD:

9)  $.7 + 3.08$

10)  $.3 + .03 + 3$

11)  $.4703 + 4.703 + 4703$

SUBTRACT:

12)  $37.5 - 9.6$

13)  $4.27 - .038$

14)  $7 - .0005$

MULTIPLY:

15)  $.3 \times .02$

16)  $.004 \times .06$

17)  $4.37 \times 7.09$

DIVIDE:

18)  $.07 \overline{)8.4}$

19)  $.93 \div .003$

20)  $.12 \div .0024$

DIVIDE AND ROUND TO THE NEAREST THOUSANDTH:

21)  $.4 \overline{).449}$

DIVIDE AND ROUND TO THE NEAREST TENTH:

22)  $7.24 \overline{).63}$

23) Justin had \$51.33 and then spent \$13.75 for a book, \$14.37 for a gift, and \$7.78 for gasoline. How much money does he have left?

24) If Cathy earns \$273.60 for 40 hours of work, what is her hourly rate of pay?

25) A house assessed at \$11,350 and taxed at \$3.163 per \$100 of the assessed valuation has what amount of tax due?

26) WRITE IN WORDS: 14.050  
(DO NOT WRITE "POINT.")

27) WRITE IN WORDS: .37  
(DO NOT WRITE "POINT.")

ANSWERS:

1) .3125 2) 1.4 3) .71 4) 1.17 5)  $\frac{47}{10,000}$

6)  $\frac{109}{100}$  or  $1\frac{9}{100}$  7) .7 8) .5 9) 3.78 10) 3.33

11) 4708.1733 12) 27.9 13) 4.232 14) 6.9995

15) .006 16) .00024 17) 30.9833 18) 120 19) 310

20) 50 21) 1.123 22) .1 23) \$15.43 24) \$6.84

25) \$359 26) Fourteen and fifty thousandths

27) Thirty-seven hundredths