Year 7 Mathematics

Mini Test 3 – Fractions & Rounding- 2016

Calculator Allowed

Name:_____ Class:_____ Mark: /50

1. Which fraction is larger?

a) $\dfrac{1}{5}$ or $\dfrac{1}{8}$?

b) $\dfrac{2}{5}$ or $\dfrac{3}{8}$?

c) $\dfrac{3}{5}$ or $\dfrac{5}{10}$?

d) $\dfrac{2}{3}$ or $\dfrac{3}{5}$?

(2 Marks)

2. Order from **smallest** to largest.

a) $\dfrac{2}{5}, \dfrac{3}{4}, \dfrac{5}{8}$

b) $\dfrac{3}{4}, \dfrac{2}{3}, \dfrac{7}{8}$

(2 marks)

6. Multiply the following decimals (3 marks)

    a   0.4 x 1.6

    b   0.04 x 1.6

    c   0.4 x 0.16

7. Divide the following decimals (3 marks)

    a   60.254 ÷ 4

    b   24.562 ÷ 0.02

    c   0.64 ÷ 0.4

8. Evaluate the following leaving your answers as simplified Proper Fractions or Mixed Numbers

    a $\dfrac{5}{7} - \dfrac{3}{7} =$

    b $\dfrac{2}{5} + \dfrac{3}{10} =$

10. Rounding& Estimating

(Round these numbers using Leading or First digit Rounding)

     i)   950

     ii) $9.50

     iii) $928.92

     iv)   2 items at $2.45 each

     v)   3 items @ $6.35 each

     vi)   4 items at $68.75 each

     vii) 5 items at $17.80 each

(14 Marks)

(2, 2, 2, 2, 2, 2, 2)