Name _____ Date _____

Stage 8 End of Unit 4 Test

1 Write these decimal numbers in order of size, starting with the smallest.

8.621, 8.65, 8.009, 8.63

_____ **[2]**

2 Write the correct sign, = or ≠, between each pair of measurements.

a 5.5 l ___ 550 ml

b 2.5 kg ___ 2500 g **[2]**

3 Write the correct inequality, < or >, between each pair of measurements.

a 12.5 cm ___ 132 mm

b 6900 m ___ 0.7 km **[2]**

4 Write these measurements in order of size, starting with the smallest.

4.6 kg, 570 g, 1.37 kg, 1350 g, 4.09 kg

_____ **[2]**

5 Write the correct inequality, < or >, between each pair of numbers.

a −4.4 ___ −4.2

b −0.75 ___ −0.79 **[2]**

6 Write these decimal numbers in order of size, starting with the smallest.

−15.425, −15.81, −15.08, −15.5, −15.84

_____ **[2]**

7 Use a mental method to work these out.

a $0.1 \times 6 =$ _____

b $0.5 \times -3 =$ _____ **[2]**

8 Use the fact that $124 \times 63 = 7812$ to write down the answers to these.

  a $12.4 \times 63 =$ _____

  b $124 \times 6.3 =$ _____

  c $1.24 \times 6.3 =$ _____

  d $1.24 \times 0.63 =$ _____ **[4]**

9 Which of these calculation cards is the odd one out?

  Explain why.

  | **A** $6.4 \div 0.8$ | **B** $1.6 \div 0.2$ | **C** $3.2 \div 0.4$ | **D** $48 \div 0.6$ | **E** $5.6 \div 0.7$ |

  _____

  _____

  _____ **[2]**

10 Work out these multiplications.

  Show how to check your answers using estimation.

  a 4.2×3.6 **b** 0.12×1.35

  _____   _____

  _____   _____

  _____   _____

  _____   _____ **[4]**

11 Work out these divisions.

  a $45.6 \div 0.6$ **b** $-3.15 \div 0.2$

  _____   _____

  _____   _____

  _____   _____ **[4]**

12 a Complete the table below showing the 15 times table.

1	2	3	4	5	6	7	8	9
15	30	45	60					

[1]

b Jon buys a piece of wood for $12.54.

The piece of wood is 1.5 m long.

Work out the cost per metre of the wood.

_____

_____

_____

_____ **[2]**

13 Work these out.

Use the methods you have learned to make the questions easier.

a $(0.8 - 0.5) \times 0.13$ **b** 0.9×45 **c** 16×0.35

d 9.9×72 **e** $2.5 \times 63.8 \times 4$ **f** 16×0.35

[6]

[TOTAL: 37 Marks]

END OF TEST