

**Test  
B****Unit 2: More Calculations with Whole Numbers**  
**Chapter 1: Calculations with Parentheses**

Circle the correct option, **A**, **B**, **C** or **D**.

1. Which of the following has the greatest value?

**A**  $4 + 7 \times 6$

**C**  $(4 + 7) \times 6$

**B**  $4 \times 7 + 6$

**D**  $4 \times (7 + 6)$

2. In  $64 \div 8 + (12 - 5) \times 8$ , what is the first operation?

**A**  $64 \div 8$

**C**  $8 + 12$

**B**  $(12 - 5)$

**D**  $5 \times 8$

3. Solve  $97 - 25 + 4 \times 3$ .

**A** 10

**C** 84

**B** 60

**D** 228

4. Where should the missing parentheses be placed to make the equation true?

$$72 \div 6 + 2 \times 3 = 27$$

**A**  $72 \div (6 + 2) \times 3$

**C**  $72 \div 6 + (2 \times 3)$

**B**  $(72 \div 6) + 2 \times 3$

**D**  $(72 \div 6 + 2) \times 3$

5. Which of the following gives the same answer as  $(6 + 9) \times 5$ ?

**A**  $6 + (9 \times 5)$

**C**  $(6 \times 5) + (9 \times 5)$

**B**  $(6 \times 5) + 9$

**D**  $(6 + 5) \times (9 + 5)$

9. Grace thought that a plane journey would take  $\frac{7}{10}$  h but the actual journey took  $\frac{1}{5}$  h longer. How long did the actual journey take?
- A**  $\frac{1}{2}$  h                                      **C**  $\frac{9}{10}$  h
- B**  $\frac{8}{15}$  h                                      **D**  $1\frac{1}{5}$  h
10. Timothy took  $\frac{2}{3}$  h to paint a portrait. This was  $\frac{1}{2}$  h shorter than the time he took to paint scenery. How long did he take to paint scenery?
- A**  $\frac{1}{6}$  h                                      **C** 1 h
- B**  $\frac{3}{5}$  h                                      **D**  $1\frac{1}{6}$  h
11. Ignatius took  $1\frac{1}{2}$  h to complete his Geography homework and  $\frac{3}{5}$  h less to complete his Math homework. How long did he take to complete his Math homework?
- A**  $\frac{1}{10}$  h                                      **C**  $1\frac{4}{5}$  h
- B**  $\frac{9}{10}$  h                                      **D**  $2\frac{1}{10}$  h
12. Steve ate  $\frac{2}{7}$  of a cake and Kelvin ate  $\frac{1}{3}$  of the same cake. What fraction of the cake was left?
- A**  $\frac{1}{21}$                                       **C**  $\frac{13}{21}$
- B**  $\frac{8}{21}$                                       **D**  $1\frac{13}{21}$

# Cumulative Test A Units 1–4

- Find the value of  $636 - 299$ . \_\_\_\_\_
- Estimate the value of  $377,298 \times 91$ . \_\_\_\_\_
- The greatest common factor of 48 and 64 is \_\_\_\_\_.
- Express 58 as a product of prime factors using exponents.  
\_\_\_\_\_

- Find the value of  $16 \div (26 - 18) \times 4 - 3 + 6$ . \_\_\_\_\_
- Write the missing fractions in the boxes.

$$(a) \frac{2}{3} \times \frac{\square}{\square} = 1$$

$$(b) 1 \div \frac{\square}{\square} = 1\frac{1}{3}$$

- Fill in each  $\bigcirc$  with  $>$ ,  $<$  or  $=$ .

$$\frac{3}{8} \bigcirc 1\frac{1}{3} + \frac{2}{5} \bigcirc \frac{8}{9} - \frac{2}{3}$$