

## BMS | GRADE 3 - MATHS REVISION

Name: \_\_\_\_\_ Class: \_\_\_\_\_

*Write each answer in the blank. Each blank can be made into an answer box in Liveworksheets.*

### 1. Sort the numbers using the Venn diagram rules.

Numbers: 12, 15, 21, 22, 24, 27, 28, 31, 32, 35, 40, 42

a. Tens digit 2 AND odd: \_\_\_\_\_

b. Tens digit 2 AND even: \_\_\_\_\_

c. Odd but tens digit NOT 2: \_\_\_\_\_

d. Neither rule: \_\_\_\_\_

### 2. Sort the numbers using the Carroll diagram rules.

Numbers: 15, 18, 20, 22, 24, 25, 30, 32, 35, 42, 46

a. Divisible by 4 AND divisible by 2: \_\_\_\_\_

b. Divisible by 4 but NOT divisible by 2: \_\_\_\_\_

c. Divisible by 2 but NOT divisible by 4: \_\_\_\_\_

d. Divisible by neither 2 nor 4: \_\_\_\_\_

### 3. Complete each number fact.

a.  $6 \times 4 =$  \_\_\_\_\_

b.  $56 \div 7 =$  \_\_\_\_\_

c.  $9 \times 5 =$  \_\_\_\_\_

### 4. Extend each sequence and write the term-to-term rule.

a. 23, 31, 39, 47, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Rule: \_\_\_\_\_

b. 86, 79, 72, 65, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Rule: \_\_\_\_\_

### 5. Eight children share 56 stickers equally.

a. Estimate stickers per child: \_\_\_\_\_

b. Division calculation:  $56 \div 8 =$  \_\_\_\_\_

c. Exact stickers per child: \_\_\_\_\_

**6. A library puts 28 books on each shelf. There are 5 shelves.**

- a. Estimate the total number of books: \_\_\_\_\_
- b. Split 28 into \_\_\_\_\_ + \_\_\_\_\_.
- c.  $20 \times 5 =$  \_\_\_\_\_ and  $8 \times 5 =$  \_\_\_\_\_
- d. Exact total:  $28 \times 5 =$  \_\_\_\_\_ books

**7. Estimate, then calculate using the grid method.**

- a.  $38 \times 4$ : estimate \_\_\_\_\_;  $30 \times 4 =$  \_\_\_\_\_;  $8 \times 4 =$  \_\_\_\_\_; exact = \_\_\_\_\_
- b.  $56 \times 3$ : estimate \_\_\_\_\_;  $50 \times 3 =$  \_\_\_\_\_;  $6 \times 3 =$  \_\_\_\_\_; exact = \_\_\_\_\_

**8. Complete these simplified multiplications.**

- a.  $24 \times 3$ :  $20 \times 3 =$  \_\_\_\_\_;  $4 \times 3 =$  \_\_\_\_\_; total = \_\_\_\_\_
- b.  $35 \times 2$ :  $30 \times 2 =$  \_\_\_\_\_;  $5 \times 2 =$  \_\_\_\_\_; total = \_\_\_\_\_

**9. Calculate fractions and compare each answer with one half.**

Write  $<$ ,  $=$ , or  $>$  in the comparison blank.

- a.  $8/10 - 3/10 =$  \_\_\_\_\_; result \_\_\_\_\_  $1/2$  (example)
- b.  $3/8 + 2/8 =$  \_\_\_\_\_; result \_\_\_\_\_  $1/2$
- c.  $1/5 + 1/5 =$  \_\_\_\_\_; result \_\_\_\_\_  $1/2$
- d.  $1 - 3/10 =$  \_\_\_\_\_; result \_\_\_\_\_  $1/2$

**10. Use  $<$ ,  $>$ , or  $=$  to complete each statement.**

- a.  $3/8$  \_\_\_\_\_  $1/2$
- b.  $4/5$  \_\_\_\_\_  $3/5$
- c.  $3/6$  \_\_\_\_\_  $1/2$

*Teacher note: For questions 1 and 2, students enter comma-separated number lists.*