

## Assessment : Section B Checkpoint

### Problem 1

#### Goals Assessed

- Apply multiplication fluency within 100 and the relationship between multiplication and division to find factor pairs and multiples.

### Statement

Pencils come in packages of 10 and 12. Jada's class needs 60 pencils. Which packages of pencils would you choose for Jada's class? Explain or show your reasoning.

### Solution

Sample responses:

- I would get 6 packages of 10 pencils and that would give me 60 pencils exactly.
- I would get 5 packages of 12 pencils and that would give me 60 pencils exactly.

### Problem 2

#### Goals Assessed

- Apply multiplication fluency within 100 and the relationship between multiplication and division to find factor pairs and multiples.

### Statement

Find all of the factor pairs for each number.

1. 13
2. 16
3. 24

### Solution

1. 1 and 13
2. 1 and 16, 2 and 8, 4 and 4
3. 1 and 24, 2 and 12, 3 and 8, 4 and 6

### Problem 3

#### Goals Assessed

- Apply multiplication fluency within 100 and the relationship between multiplication and division to find factor pairs and multiples.

#### Statement

Select **all** of the true statements.

- A. 19 is a prime number.
- B. The only factors of 9 are 1 and itself.
- C. 3 is a factor of 24.
- D. 56 is a multiple of 6.

#### Solution

["A", "C"]