Lesson 11.3.1 Resource Page

**Clue Cards**

**Treasure-Hunt Clues A**

Find one (or more) relation(s) that:

A2. Has a domain of all numbers except \( x \neq 3 \).
A3. Has \( x \)-intercepts (2, 0) and (8, 0).
A4. Is not a function.
A5. Has a range of all numbers less than or equal to 3.
A6. Is a linear relation.
A7. Has a range of all numbers.
A8. Has a \( y \)-intercept at (0, –1).

**Treasure-Hunt Clues B**

Find one (or more) relation(s) that:

B1. Is not a function.
B3. Has a range of all numbers less than or equal to 3.
B4. Has a range of all numbers.
B5. Has a \( y \)-intercept at (0, –1).
B6. Has a domain of all numbers except \( x \neq 3 \).
B7. Has \( x \)-intercepts (2, 0) and (8, 0).
B8. Is a linear relation.

**Treasure-Hunt Clues C**

Find one (or more) relation(s) that:

C1. Is a linear relation.
C2. Has a range of all numbers.
C3. Is not a function.
C4. Has \( x \)-intercepts (2, 0) and (8, 0).
C5. Has a domain of all numbers except \( x \neq 3 \).
C6. Has a \( y \)-intercept at (0, –1).
C7. Has a range of all numbers less than or equal to 3.
C8. Has no symmetry.

**Treasure-Hunt Clues D**

Find one (or more) relation(s) that:

D1. Has a range of all numbers less than or equal to 3.
D2. Has \( x \)-intercepts (2, 0) and (8, 0).
D3. Has a domain of all numbers except \( x \neq 3 \).
D4. Is a linear relation.
D5. Has no symmetry.
D6. Has a range of all numbers.
D7. Has a \( y \)-intercept at (0, –1).
D8. Is not a function.