

## 1-8 The Magic of Numbers

### Before Reading

#### Think Ahead

1. Roman numerals
2. An abacus
3. A digital calculator
4. Symbols

### Vocabulary

#### A.

1. f
2. a
3. e
4. g
5. c
6. h
7. b
8. d

#### B.

1. discovery
2. golden ratio
3. multiple of
4. object
5. code

#### C.

1. b
2. d
3. c
4. a

### During Reading

#### A.

1. c
2. b
3. a

#### B.

1. b
2. c
3. a

#### C.

1. b
2. d
3. e
4. a

#### D.

1. F
2. T
3. T
4. F
5. F

#### E.

1. symbol
2. objects
3. multiple of
4. binary

5. represent

#### F.

- a. 3
- b. 5
- c. 4
- d. 1
- e. 2

### After Reading

#### A.

Who?	What?	When?	Where?	Why?
Egyptians and Sumerians	marks	22,000 years	East Asia,	symbols

#### B.

*[Answers will vary.]*

From this book, I learned that we use a system of numbers that was first created by the Indians.

Before I read this book, I knew that Roman numerals were created in Italy.

Now I also know that the Romans changed the Egyptian way of writing so that it used less marks.