“This fractal is a classic spiral, which is my favorite, and I’m always amazed at the variations and the endlessly repeating patterns that can be created out of such a primary shape.” – Donna Casey

Created by Pearson to supplement
Investigations in Number, Data, and Space®
## Contents

**UNIT 1**
- Who Is in School Today? 1

**UNIT 2**
- Counting and Comparing 1

**UNIT 3**
- What Comes Next? 1–2

**UNIT 4**
- Measuring and Counting 2

**UNIT 5**
- Make a Shape, Build a Block 3

**UNIT 6**
- How Many Do You Have? 3–4

**UNIT 7**
- Sorting and Surveys 4
UNIT 1: WHO IS IN SCHOOL TODAY?

Page 1
9 apples

Page 2
Students should circle the 4 shapes that are gray and put X through the 5 shapes that have stripes.

Page 3
11 ladybugs

Page 4
Review students’ work.
Answers will vary.

UNIT 2: COUNTING AND COMPARING

Page 5
Students should fill in the recording sheet based on game play.

Page 6
Students should fill in the recording sheet based on game play.

Page 8
Review students’ work.
Answers will vary.

Page 9
Students should draw:
4 balls; 7 apples
12 carrots; 9 books

Page 10
Review students’ work.
Answers will vary.

Page 11
Students should circle:
Tube of toothpaste; pencil
Bandage; airplane
Marker; fire truck

Page 12
Review students’ work.
Answers will vary.

UNIT 3: WHAT COMES NEXT?

Page 13
Review students’ work.
Answers will vary.

Page 15
Review students’ work.
Answers will vary.

Page 16
Review students’ work.
Answers will vary.

Page 17
Review students’ work.
Apples

Page 18
Students should draw arrows to show that dark blue shapes belong in the circle.

Page 21
Students should draw:
A square
An apple
A button

Page 22
Students should fill in the recording sheet based on game play.

Page 23
Students should draw:
A smiley face
A baseball
A sphere

Page 24
Review students’ work.
Answers will vary.
UNIT 4: MEASURING AND COUNTING

Page 25
1. 28 buttons

Page 26
1.–3. Review students’ work.
Answers will vary.

Page 27
Review students’ work.
Answers will vary.

Page 28
Review students’ work.
Answers will vary.

Page 29
8; 7
12; 10

Page 30
Students should fill in the recording sheet based on game play.

Page 31
6 Cubes; 8 Cubes
5 Cubes; 10 Cubes
4 Cubes; 9 Cubes

Page 32
Students should fill in the recording sheet based on game play.

Page 33
8 apples
5 more apples

Page 34
Students should circle the following pairs of cards:
5 and 2
3 and 3
2 and 8

Page 35
Students should fill in the recording sheet based on game play.

Page 36
7
5
7
6

Page 37
Review students’ work.
Answers will vary.
Sample answers:

Page 38
Students should fill in the recording sheet based on game play.

Page 39
Review students’ work.

Page 40
1. 8 apples
2. 5 more apples

Page 41
Review students’ work.
UNIT 5: MAKE A SHAPE, BUILD A BLOCK

Page 42
Students should color:
6 squares blue
7 triangles red
6
7

Page 44
Students should draw arrows to show that round buttons belong in the circle.

Pages 45
Review students’ work.
Answers will vary.

Page 46
Review students’ work.
Answers will vary.

Page 47
Review students’ work.
Answers will vary.

Page 48
Review students’ work.
Answers will vary.

Page 49
Students should draw lines to match the Geoblocks with the following footprints:

1. 

2. 

3. 

4. 

5. 

UNIT 6: HOW MANY DO YOU HAVE?

Pages 50–51
1.–3. Review students’ work.
Answers will vary.

Page 52
Review students’ work.
Answers will vary.

Page 53
Students should fill in the recording sheet based on game play.

Page 55
4
5
2
3
1
0

Page 56
Review students’ work.
Answers will vary.

Page 57
Review students’ work.
Answers will vary.

Page 58
3 Pencils
4 Crayons
2 Markers
9 in all

Page 59
Students should fill in the recording sheet based on game play.

Page 60
8
3
4
6
Page 61
Students should circle the following pairs of cards:
6 and 3
4 and 4
3 and 8

Page 62
Students should fill in the recording sheet based on game play.

Page 63
Review students’ work.
5 balls

Page 64
Review students’ work.
4 grapes

Page 65
Review students’ work.
6 blocks

Page 66
Review students’ work.
Answers will vary.
Sample answers:
4 blues, 1 red
3 blues, 2 reds
2 blues, 3 reds
1 blue, 4 reds

Page 67
Students should color the following cards:
3 and 3
4 and 2
5 and 1
1 and 5

Page 68
Review students’ work.
Answers will vary.
Sample answers:
5 blues, 1 red
4 blues, 2 reds
3 blues, 3 reds
2 blues, 4 reds
1 blue, 5 reds

Page 69
Answers will vary.
Sample answer: 2 square crackers, 3 round crackers,
4 fish crackers
5 square crackers, 3 round crackers, 1 fish cracker

UNIT 7: SORTING AND SURVEYS

Page 70
Review students’ work.
Answers will vary.

Page 72
1. Review students’ work.
2. Students should record the number of chairs in your classroom.
3. Answer depends on your class and classroom.

Page 73
Review students’ work.
Answers will vary.

Page 74
4 noses
8 eyes
7 noses
14 eyes

Page 75
Students should color the flowers that have only one leaf on the stem.

Page 76
Students should color the 4 hexagons red and the 3 quadrilaterals blue.

Page 77
Review students’ work.
Answers will vary.

Page 78
1. 4 people
2. Lunch
3.–4. Answers will vary.
Review students’ work.