

Purpose & SOL

- Students will practice rounding to various place values by sorting number cards and performing an exercise.
- 3.1, 4.3, 5.1

Materials

- Round 'Em Up Header Cards, all 4 sets, each printed on a different color of paper (note: there are two sets – whole numbers and decimals)
- Number cards that round to one of the four header card ranges. Print the 6 cards in each set to match the colored paper of the header card.

Length

25 min.

Introduction

Talk to students about strong numbers and weak numbers. A strong number pushes the number up and a weak number keeps the number the same and the numbers after it turn to 0. Ask students to flex for strong numbers and squat on weak numbers. Do a few examples.

Implementation

Exercise the Answer

1. Divide the class into 4 groups. Each group will be given a stack of large header cards and small number cards.
2. Have the group work together to put the large header cards in numerical order. These will be the cards that they place their smaller number cards under.
3. Each group will have 6 number cards and will split them amongst their partners as evenly as possible.
4. Instruct students to look at their number on the index card and flex their muscles if the number is STRONG (if they decide it rounds up), and squat if the number is weak (if they decide it rounds down).
5. Students should place the number card under the correct header card to show what their index card number rounds to.
6. Students will play until all of their cards are correctly sorted. Finished groups should do cross crawls to show they are done. Check their work for correctness.
7. After a group has finished sorting their cards, have them leave their headers, but shuffle the number cards, line up and switch to another color as a class.
8. Continue rotating until each team has done all 4 stations.

Cool Down

Have students slowly round their back like a cat while breathing. Complete this 3 times.

Modifications

Use Round 'Em Up decimal cards.

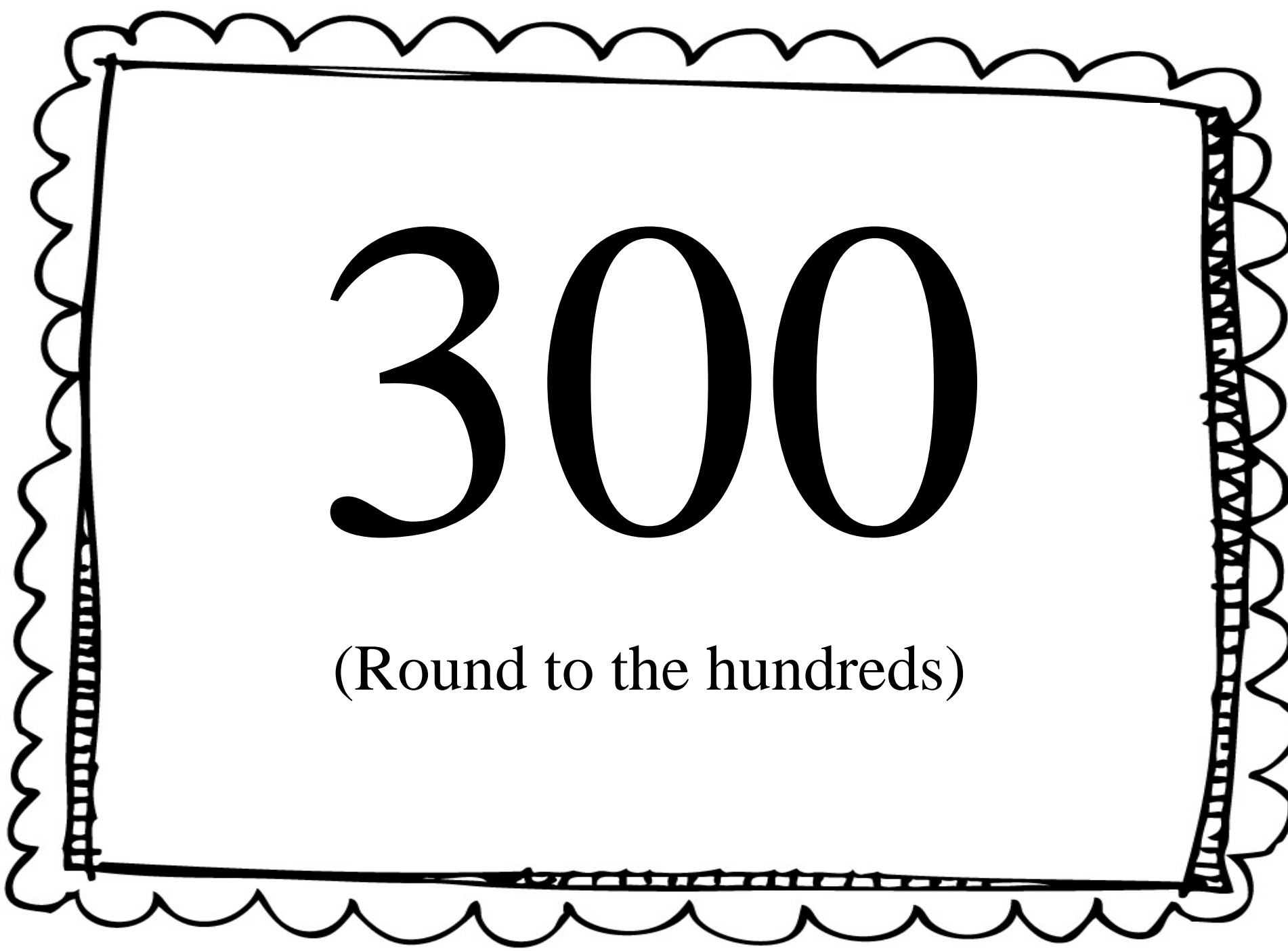


Round 'Em UP
Whole Numbers
through thousands



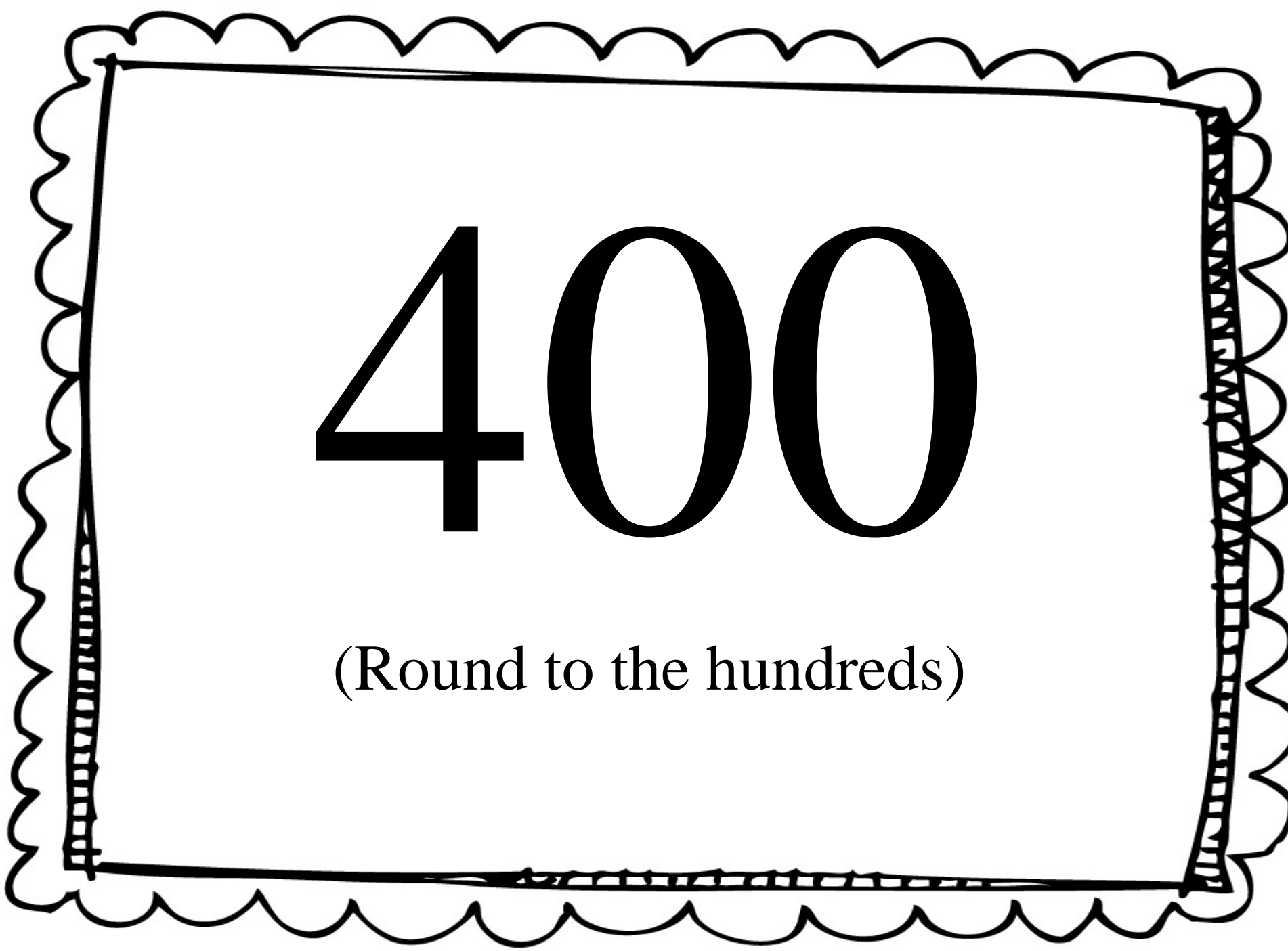
200

(Round to the hundreds)



300

(Round to the hundreds)



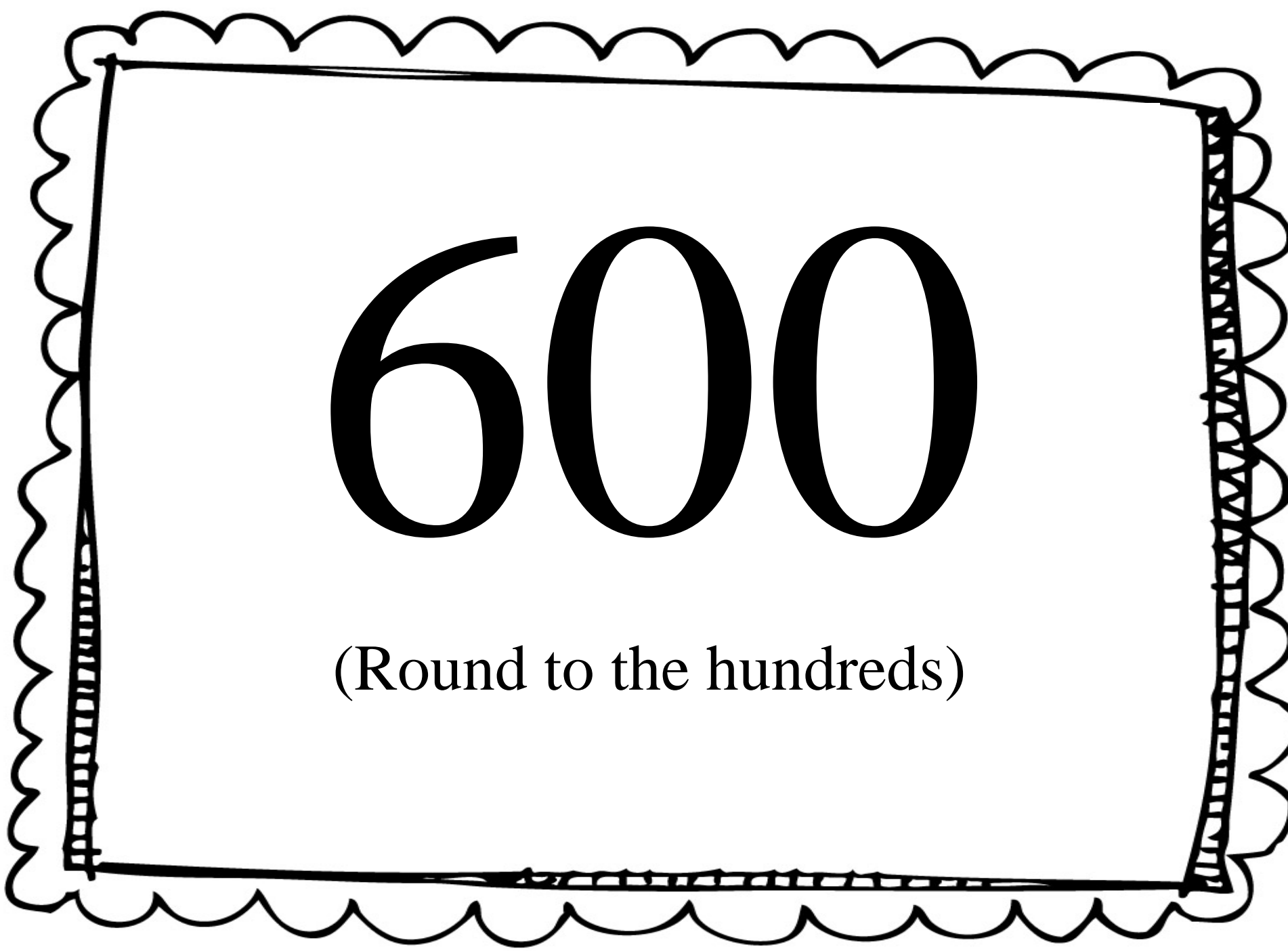
400

(Round to the hundreds)



500

(Round to the hundreds)



600

(Round to the hundreds)



700

(Round to the hundreds)



610

(Round to the tens)



620

(Round to the tens)



630

(Round to the tens)



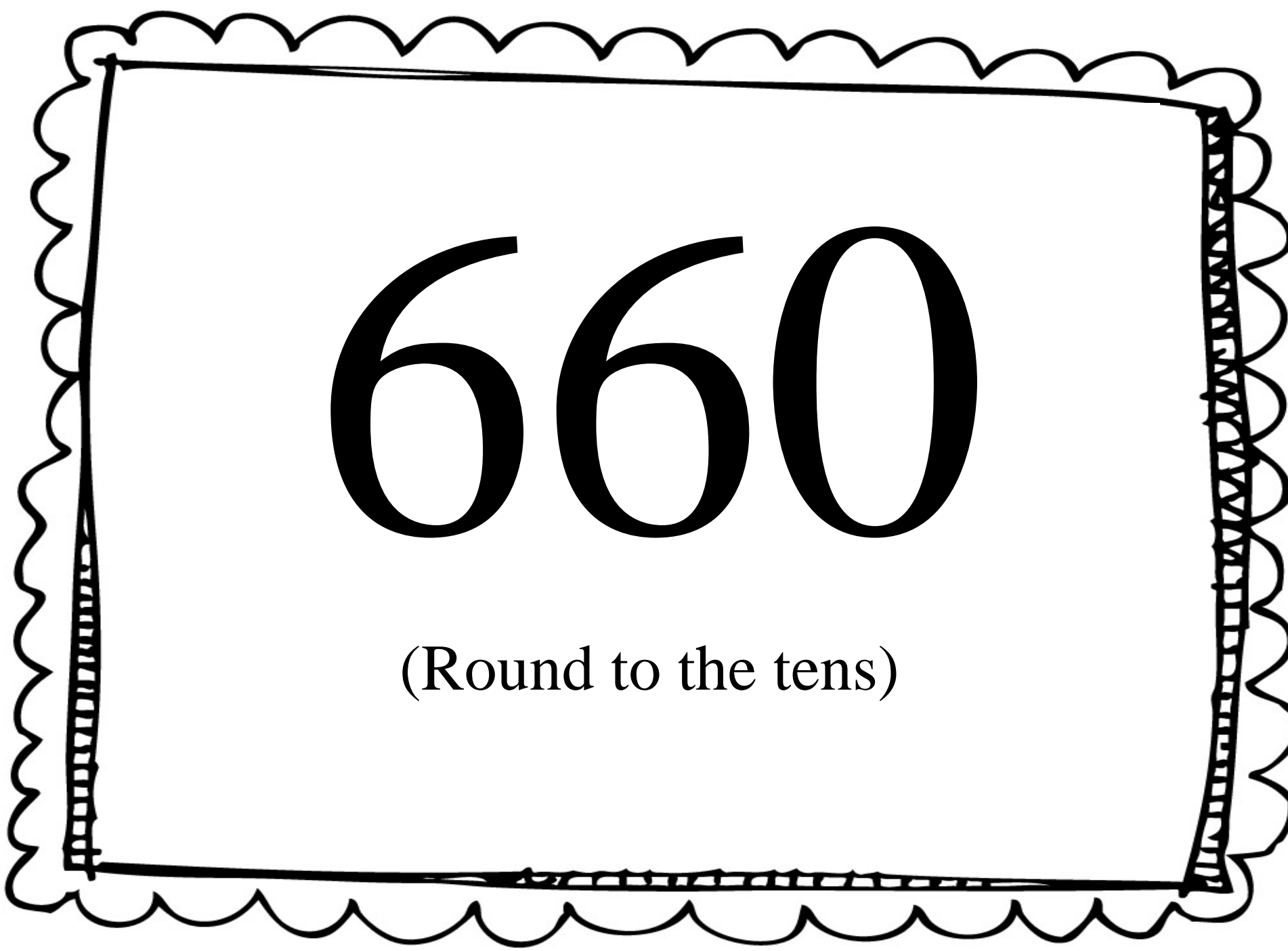
640

(Round to the tens)



650

(Round to the tens)



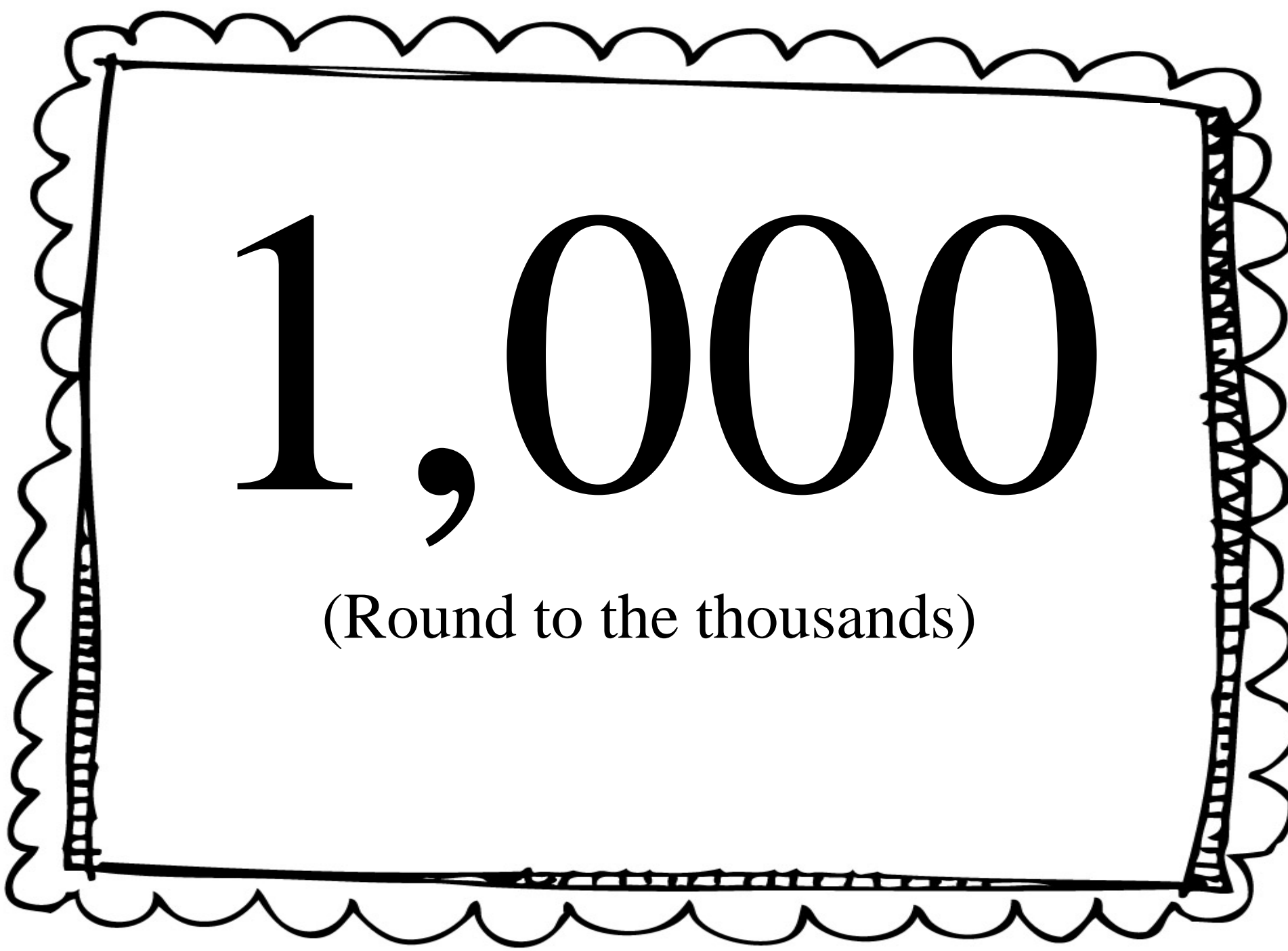
660

(Round to the tens)




670

(Round to the tens)



1,000

(Round to the thousands)



2,000

(Round to the thousands)




3,000

(Round to the thousands)




4,000

(Round to the thousands)



5,000

(Round to the thousands)



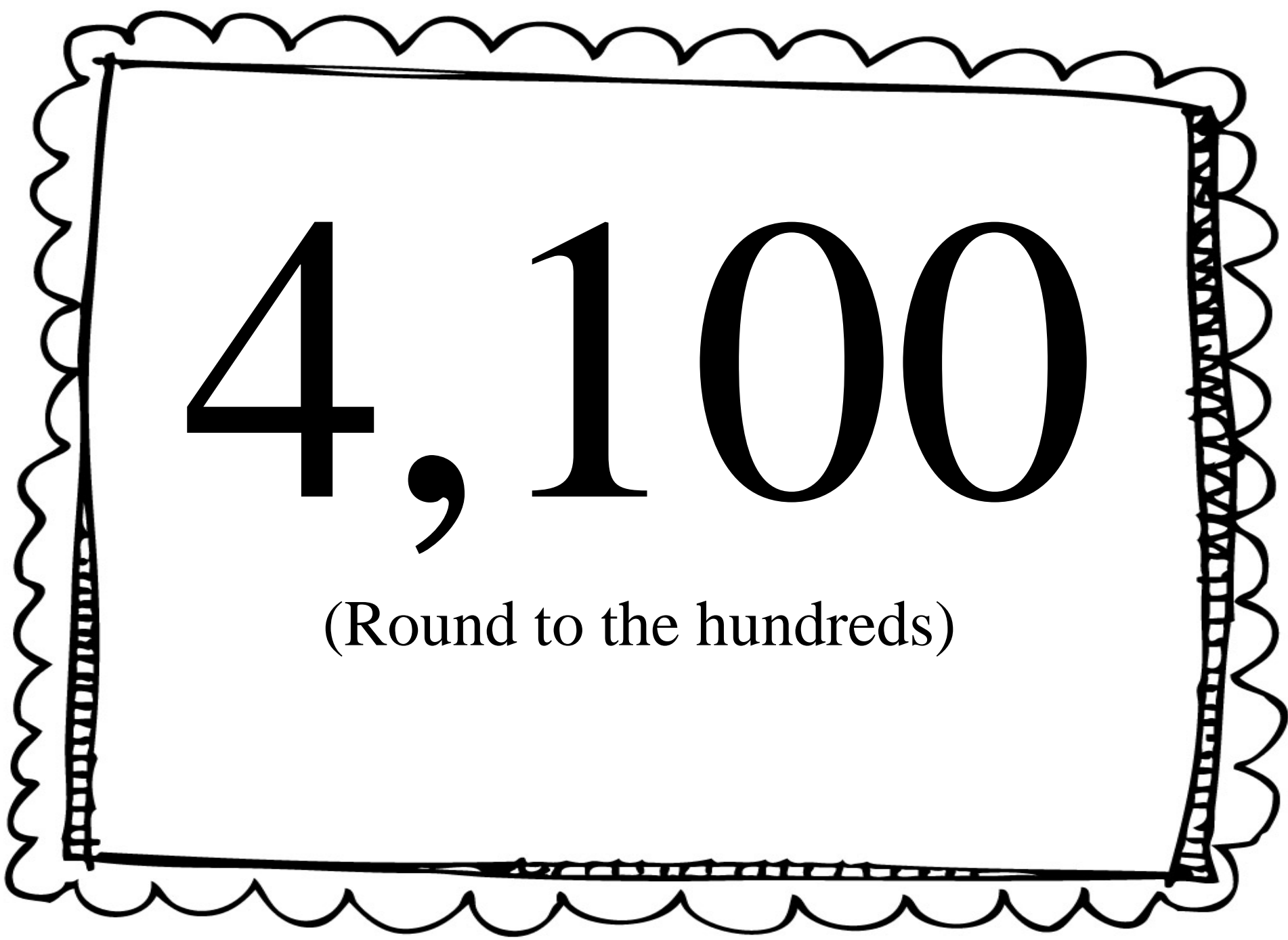
6,000

(Round to the thousands)



4,000

(Round to the hundreds)



4,100

(Round to the hundreds)



4,200

(Round to the hundreds)



4,300

(Round to the hundreds)



4,400

(Round to the hundreds)



4,500

(Round to the hundreds)

175

238

329

462

555

647

606

628

634

637

645

654

1,499

1,944

3,531

4,257

4,785

5,634

4,039

4,168

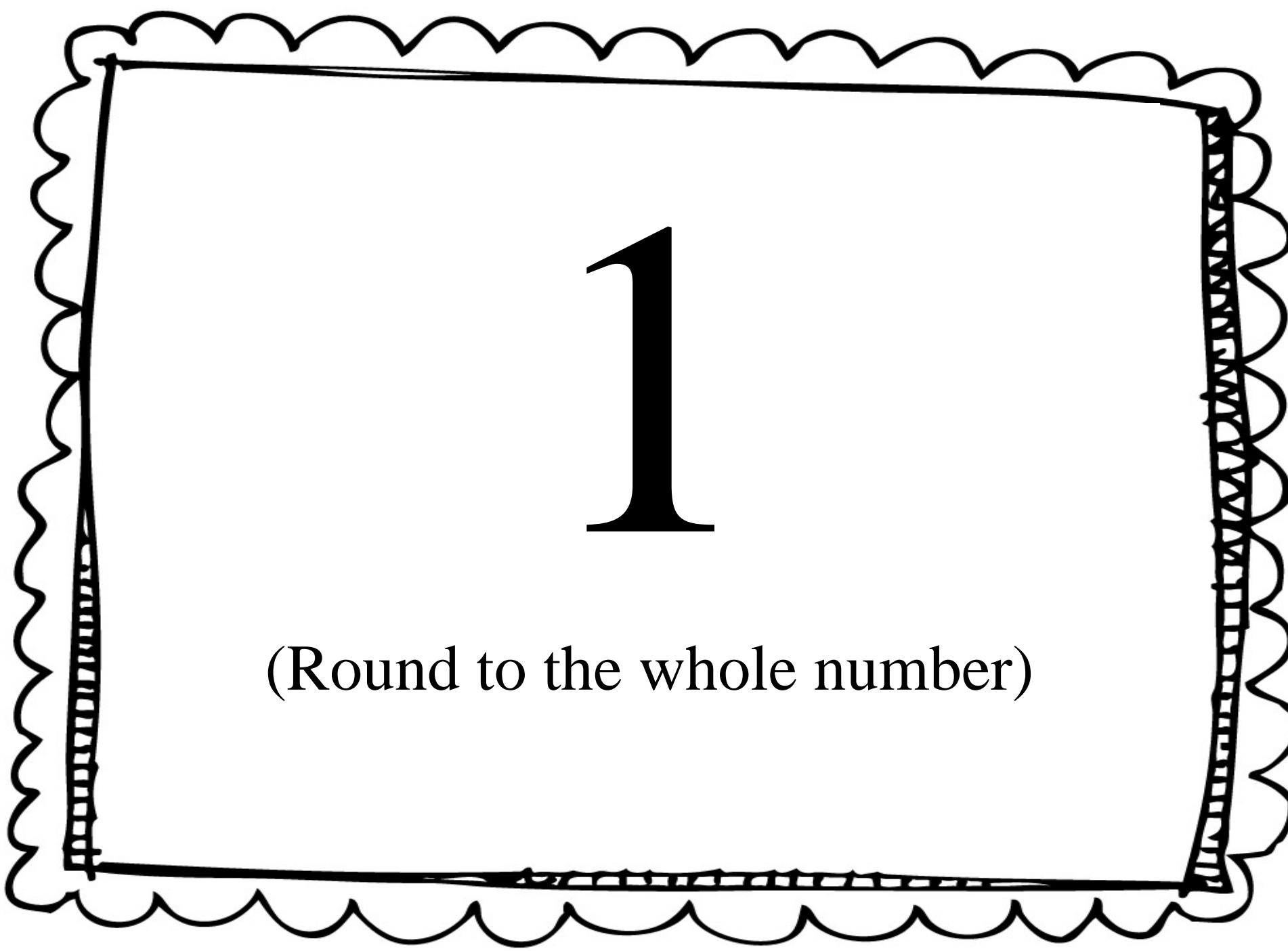
4,273

4,392

4,444

4,498

Round 'Em UP
Decimal Numbers
through hundredths



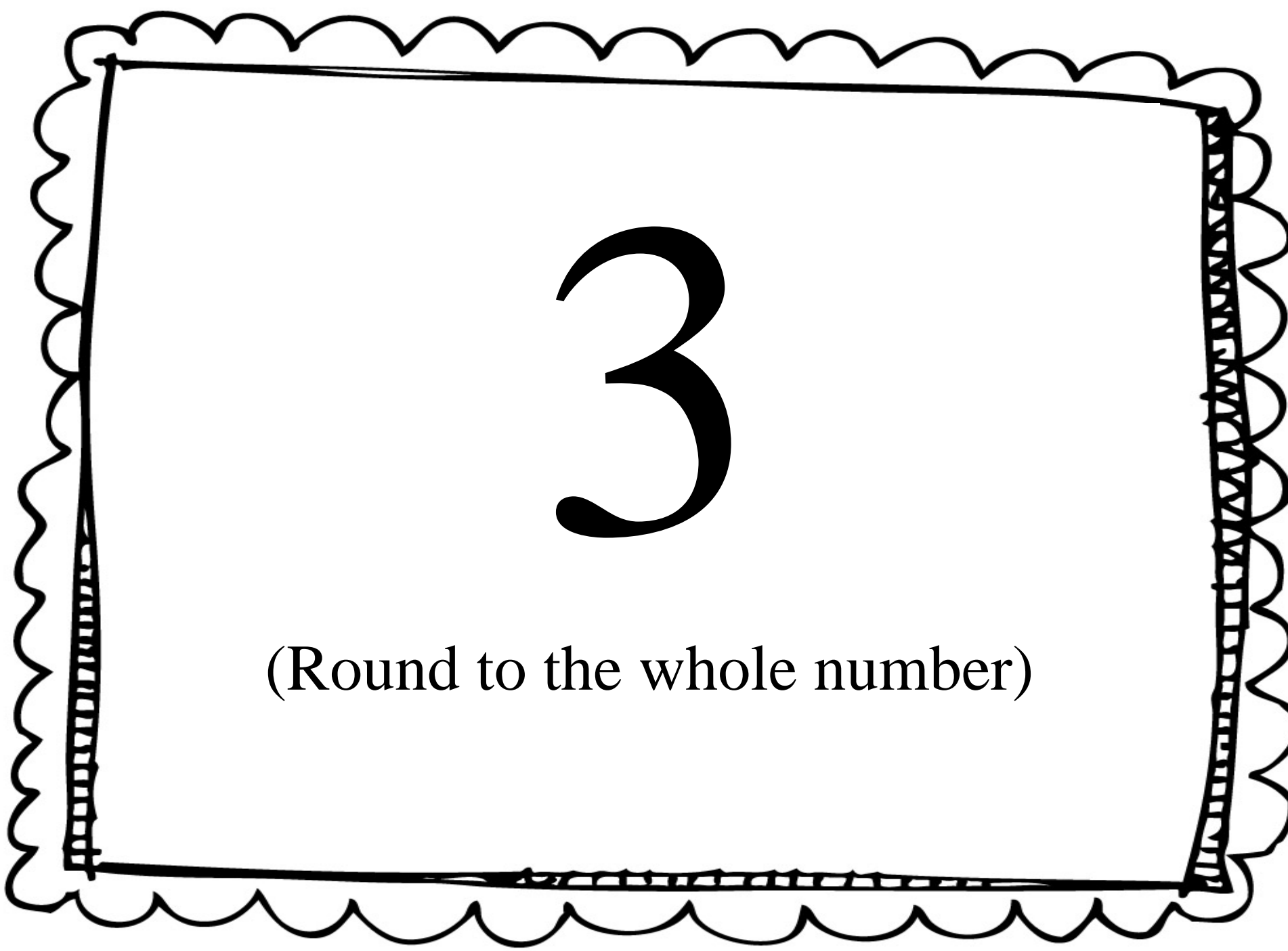
1

(Round to the whole number)



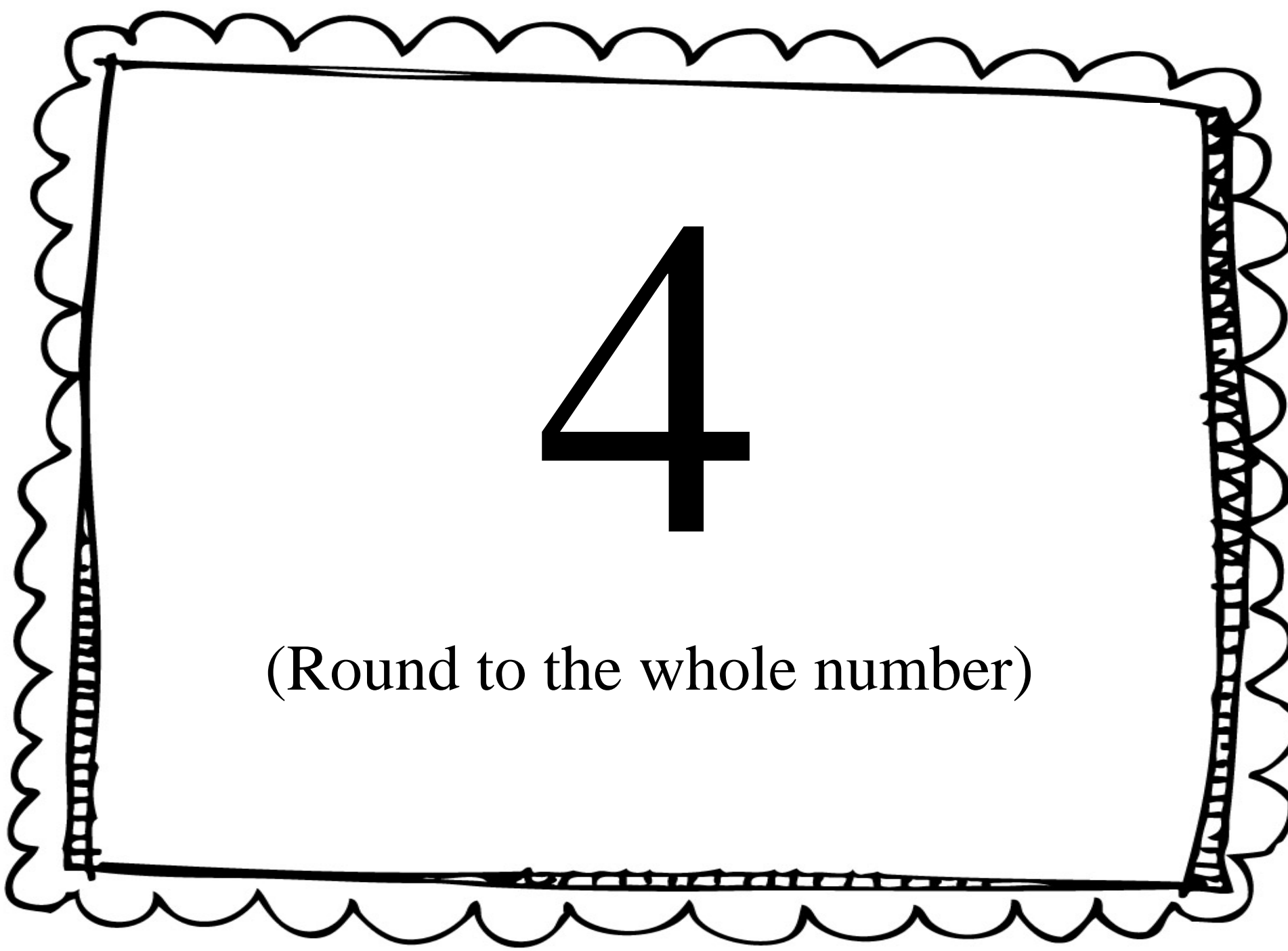
2

(Round to the whole number)



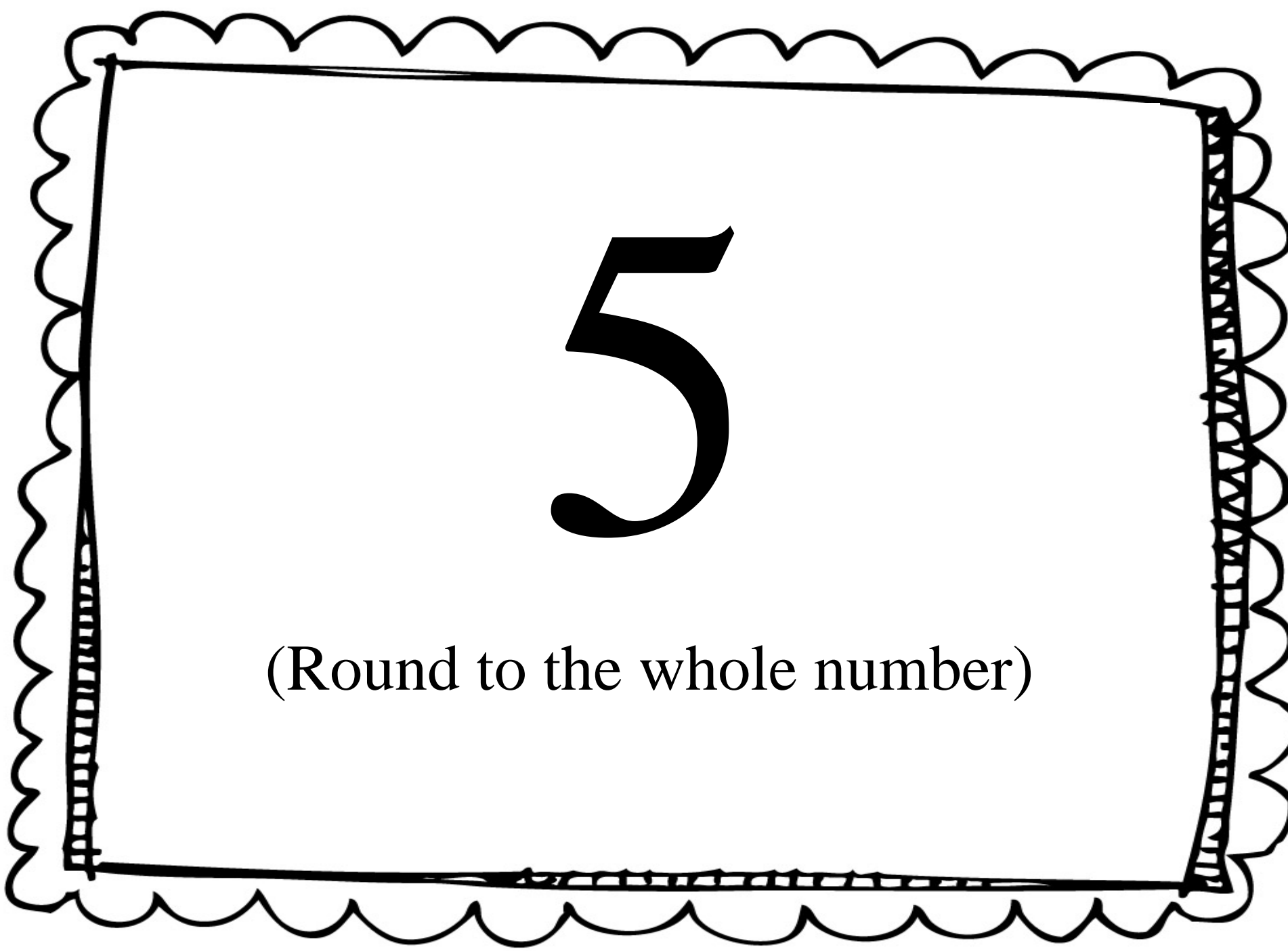
3

(Round to the whole number)



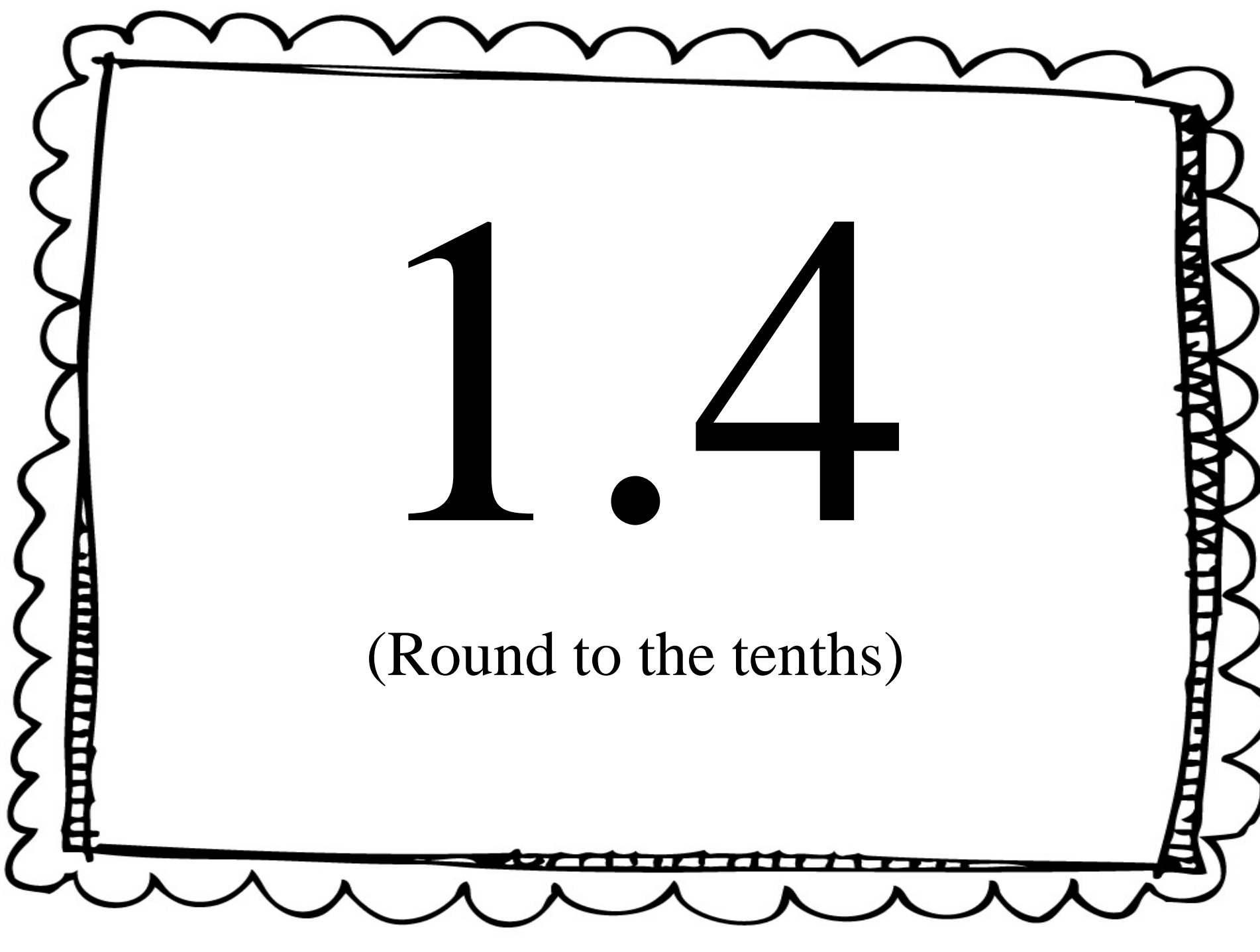
4

(Round to the whole number)



5

(Round to the whole number)



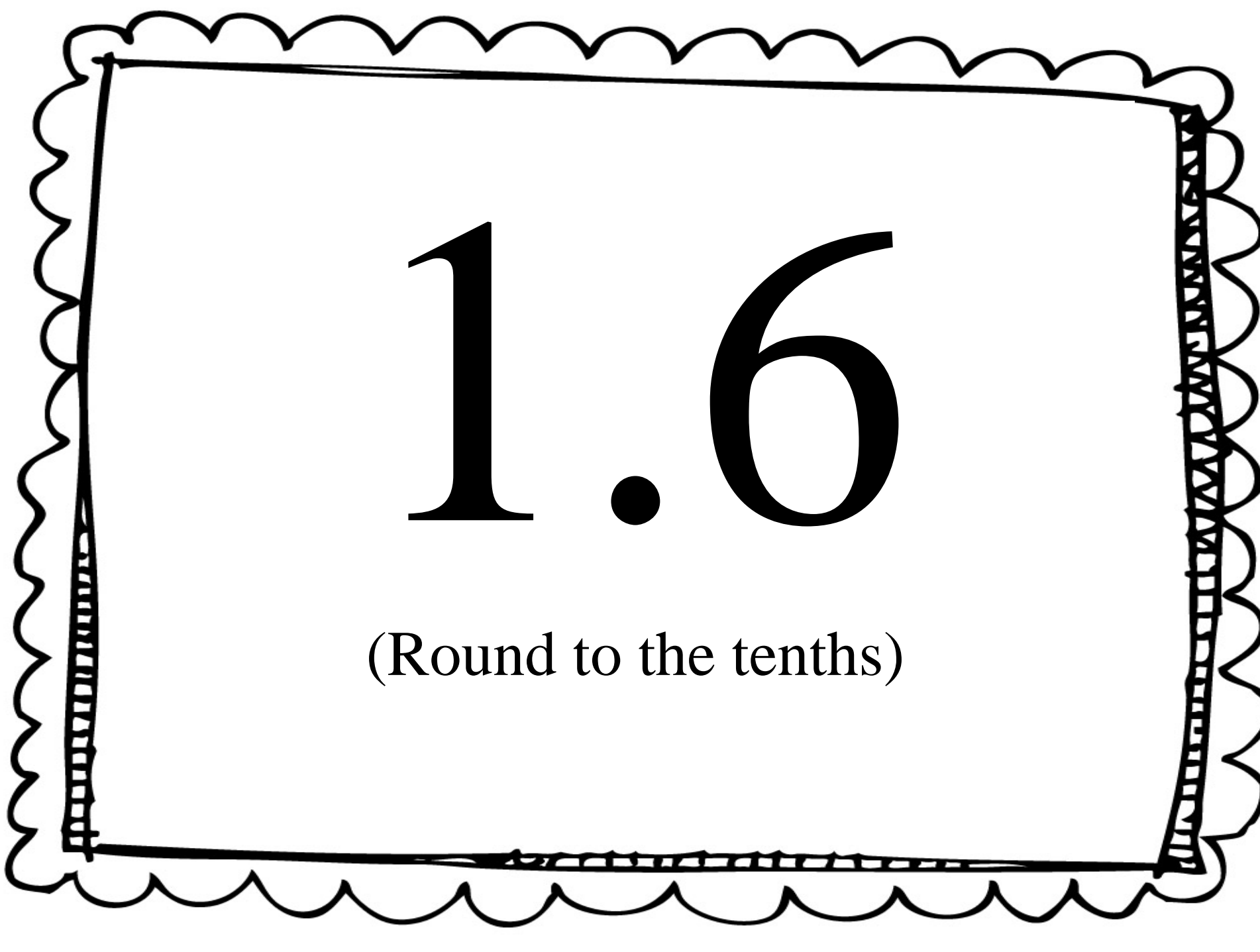
1.4

(Round to the tenths)



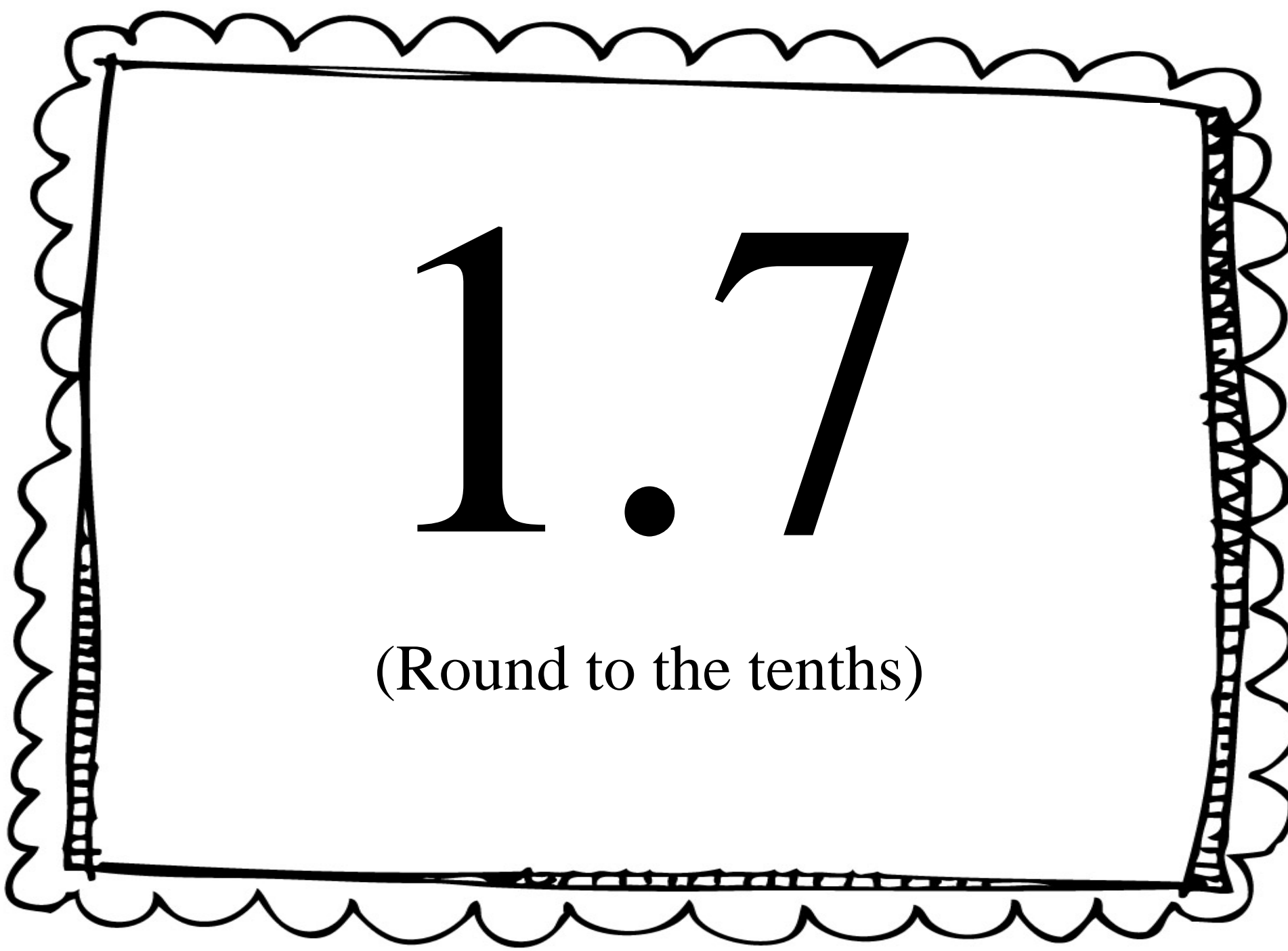
1.5

(Round to the tenths)



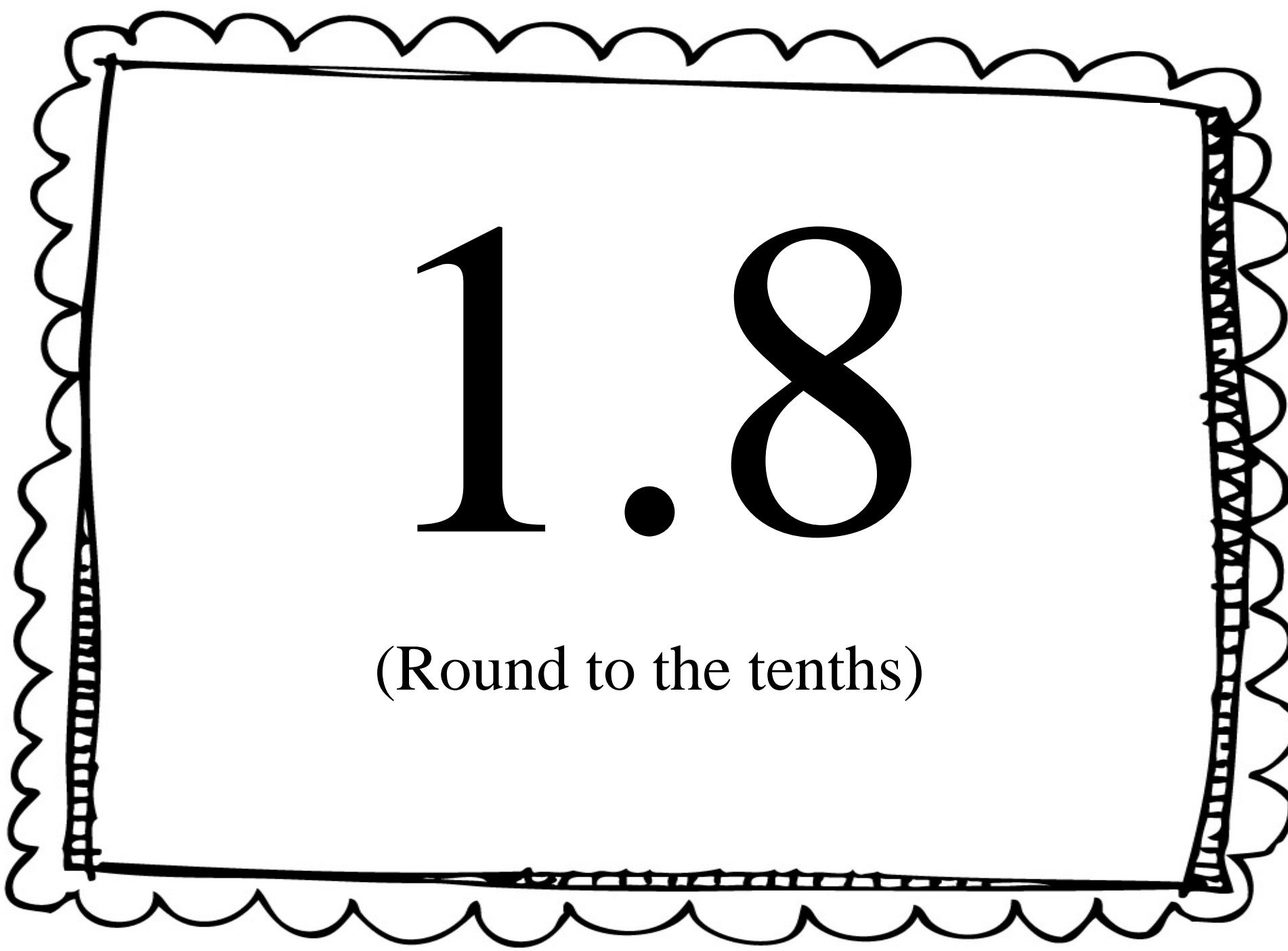
1.6

(Round to the tenths)



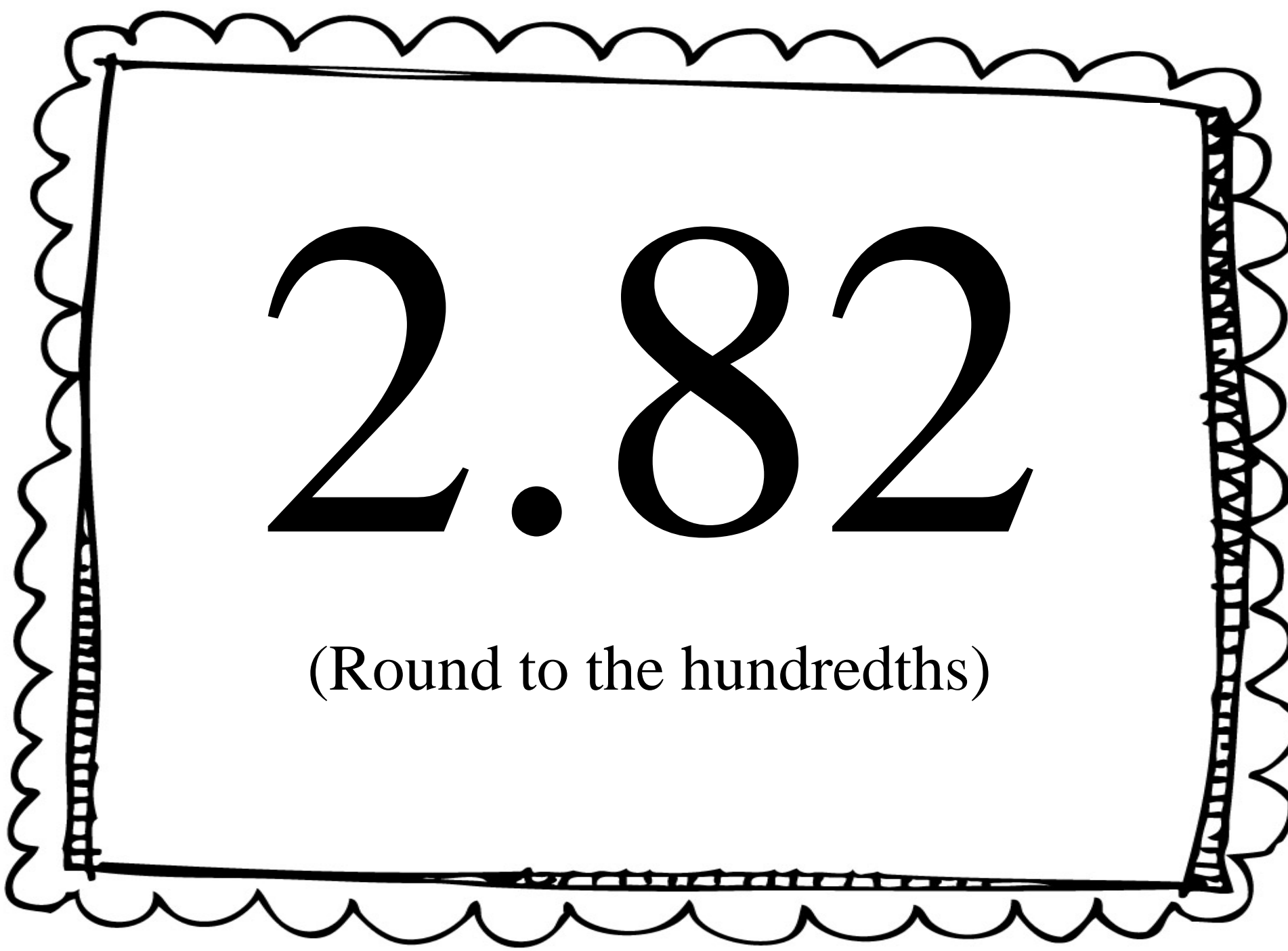
1.7

(Round to the tenths)



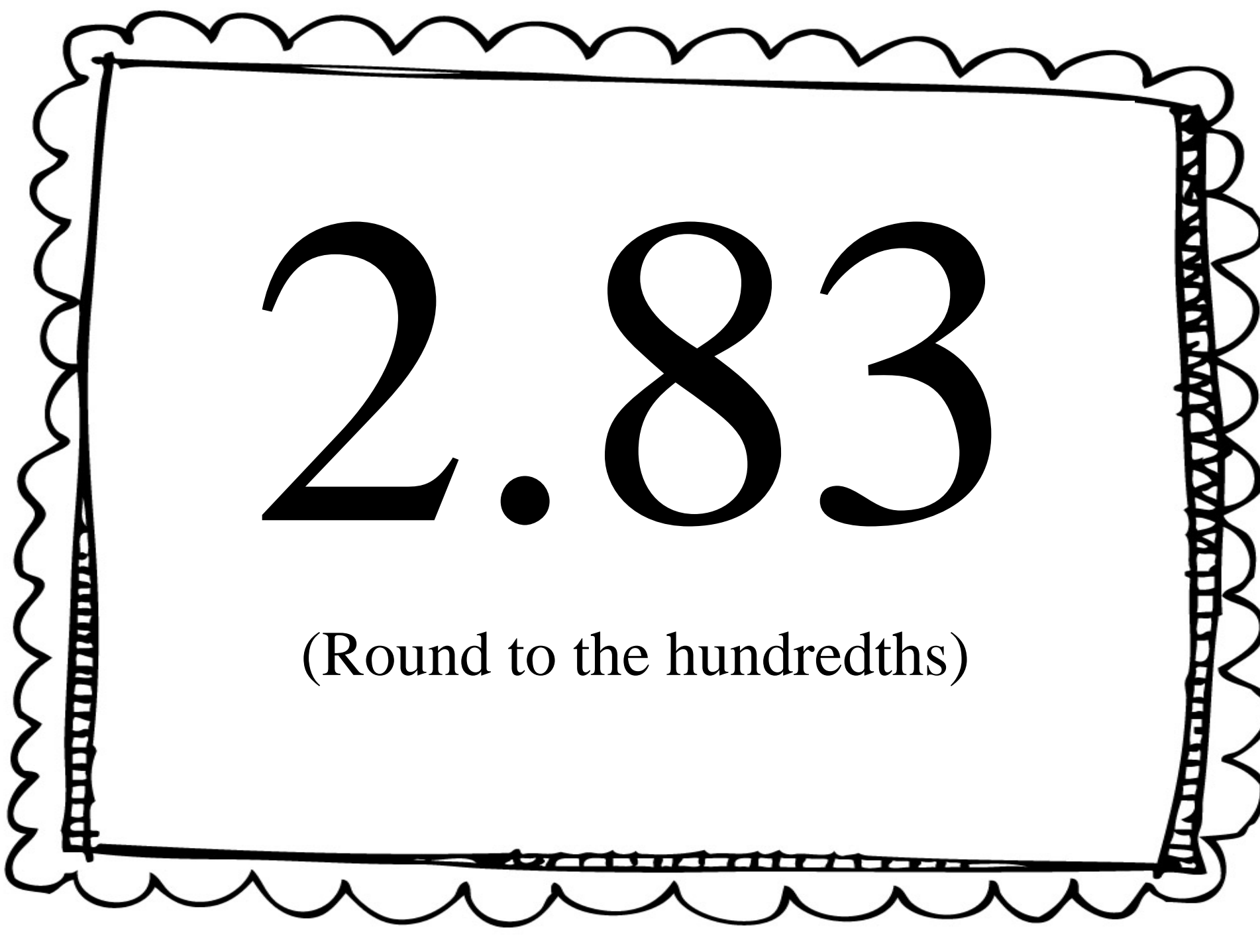
1.8

(Round to the tenths)



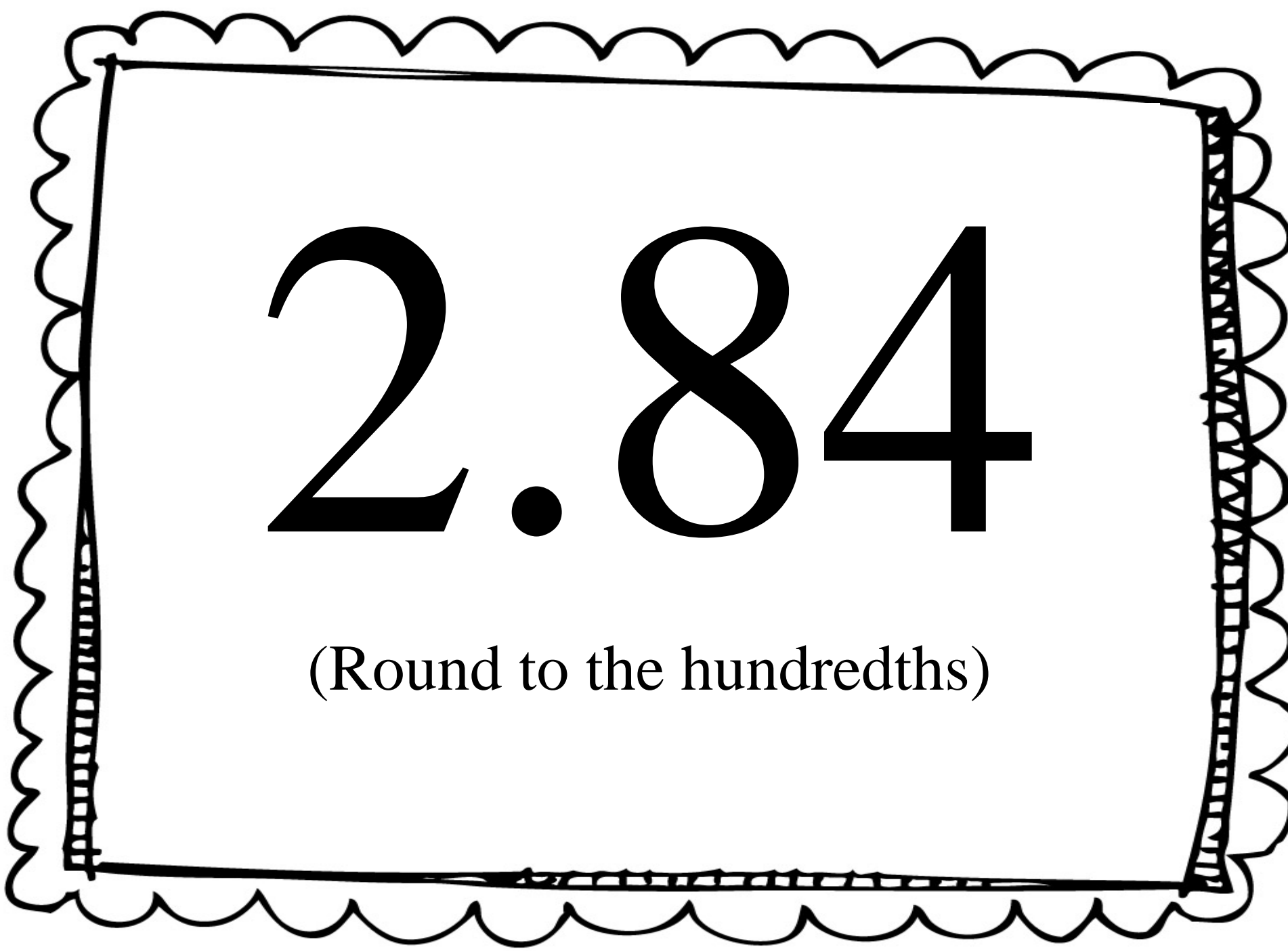
2.82

(Round to the hundredths)



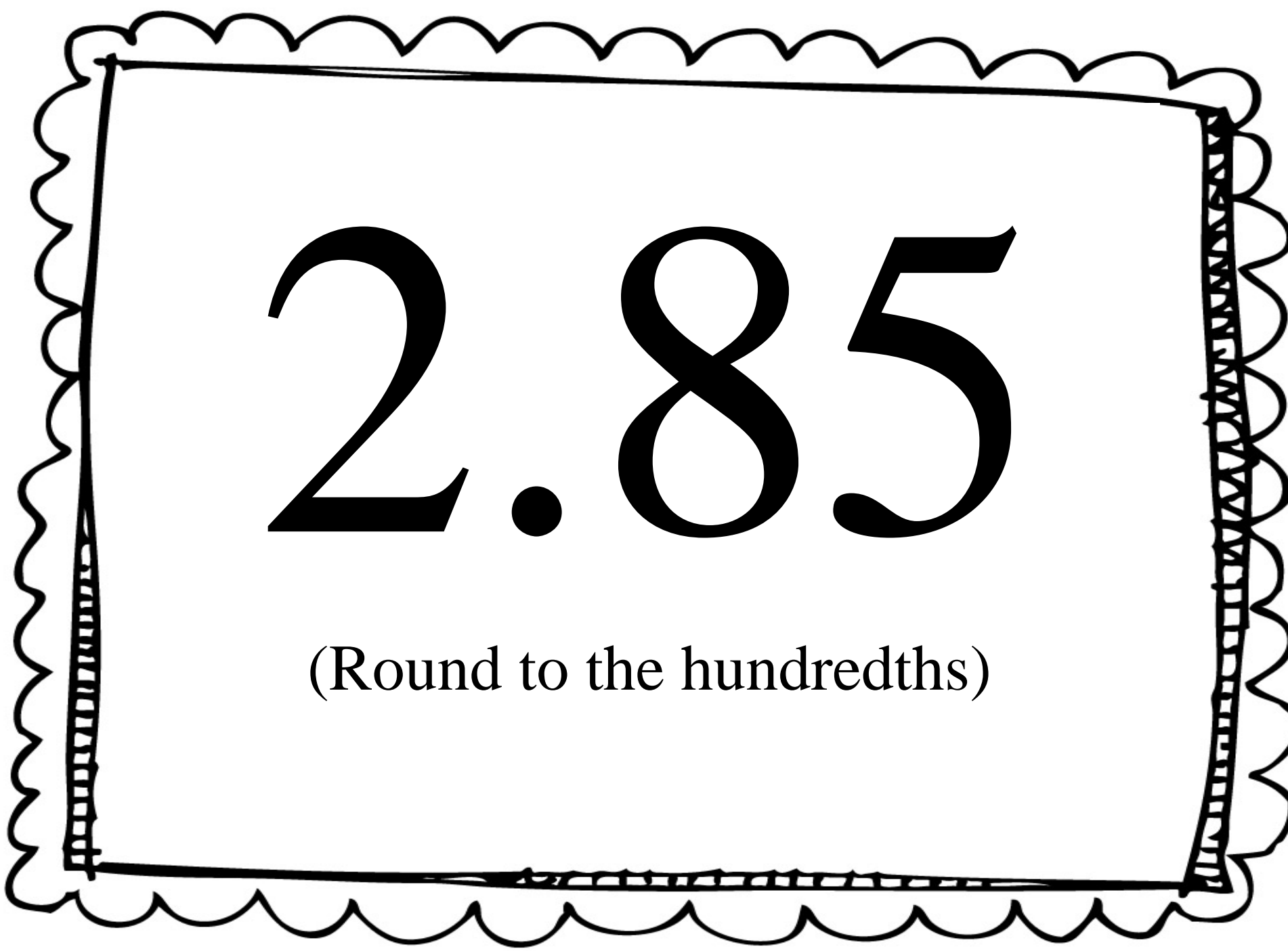
2.83

(Round to the hundredths)



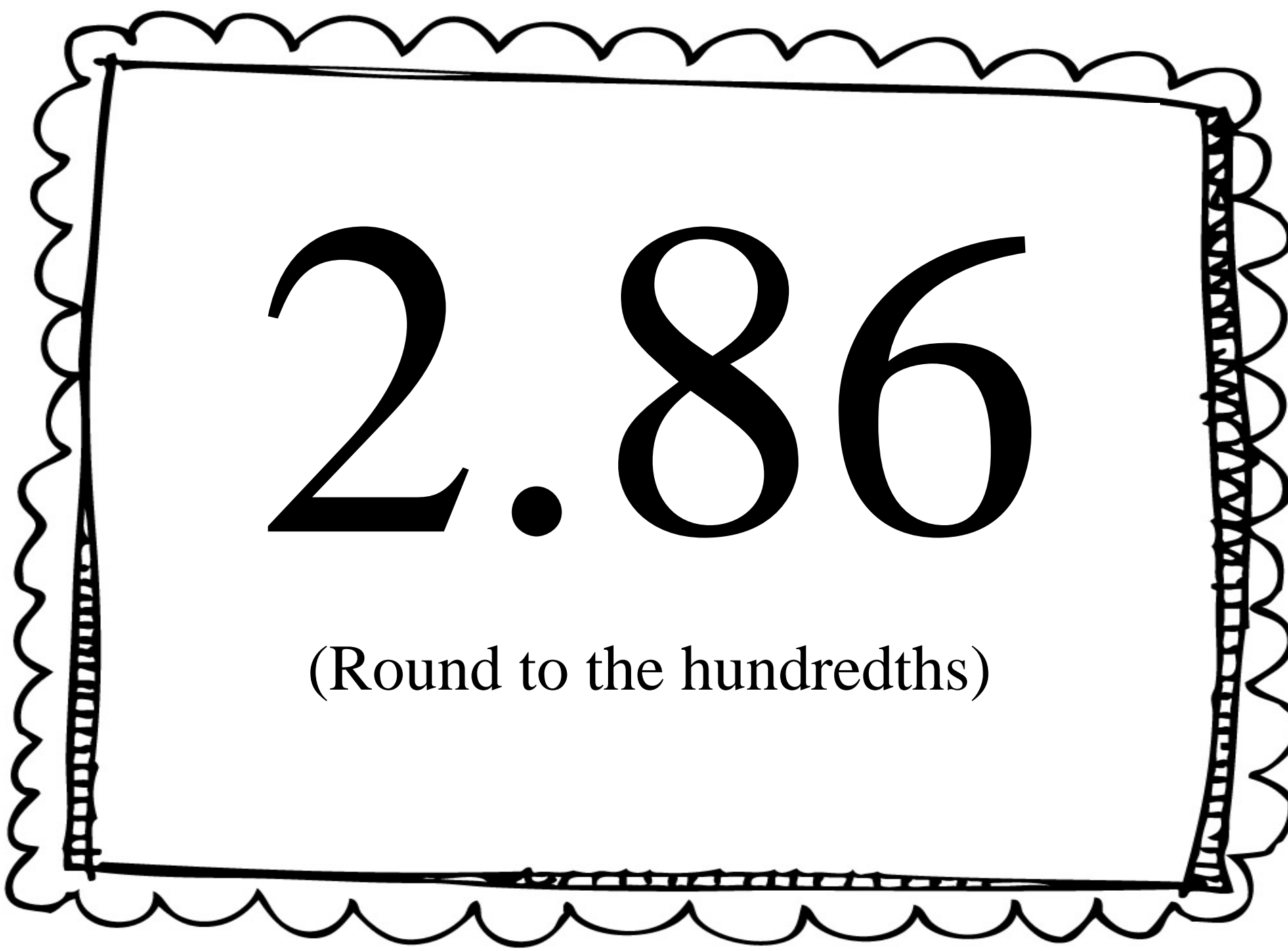
2.84

(Round to the hundredths)



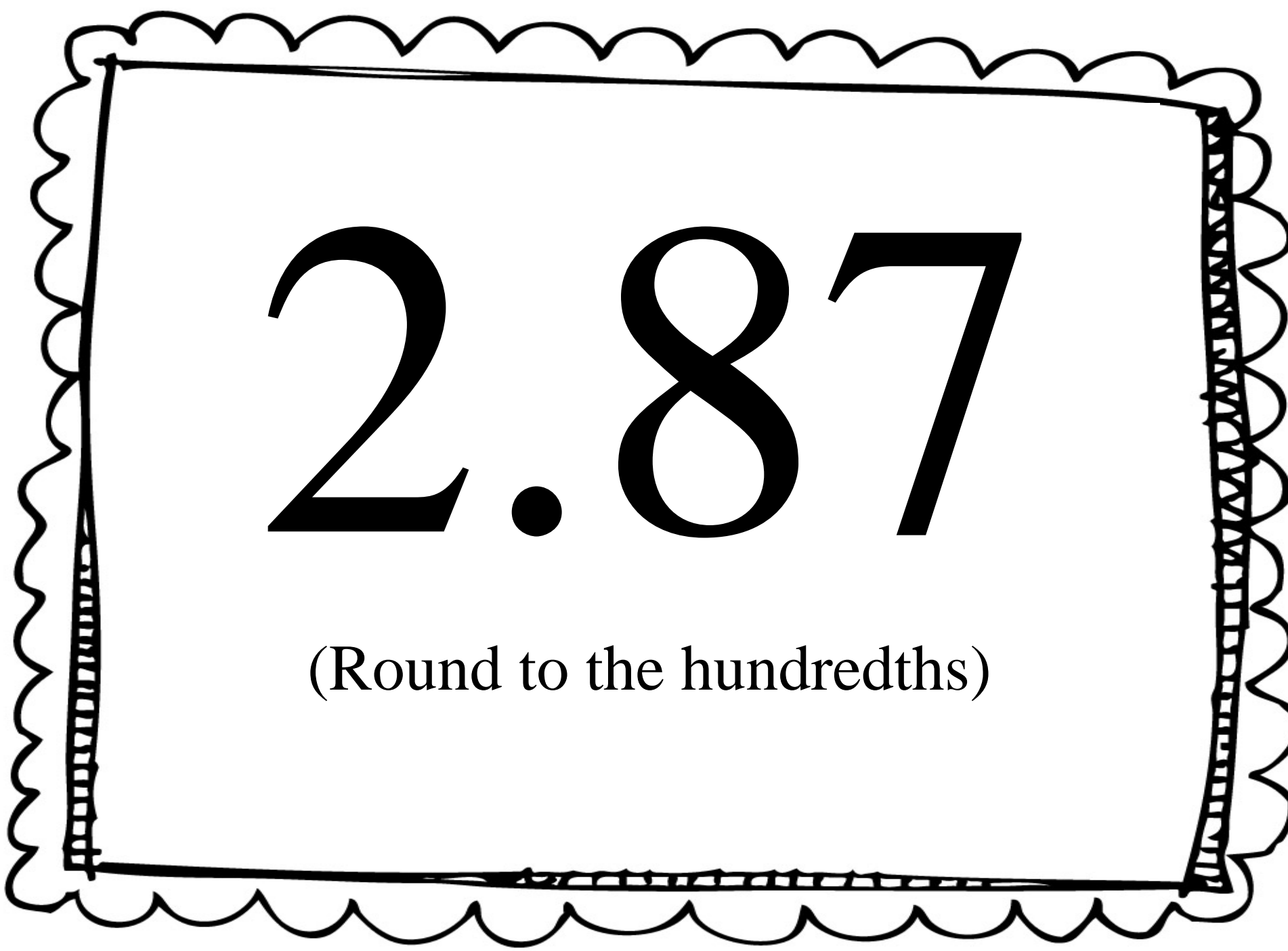
2.85

(Round to the hundredths)



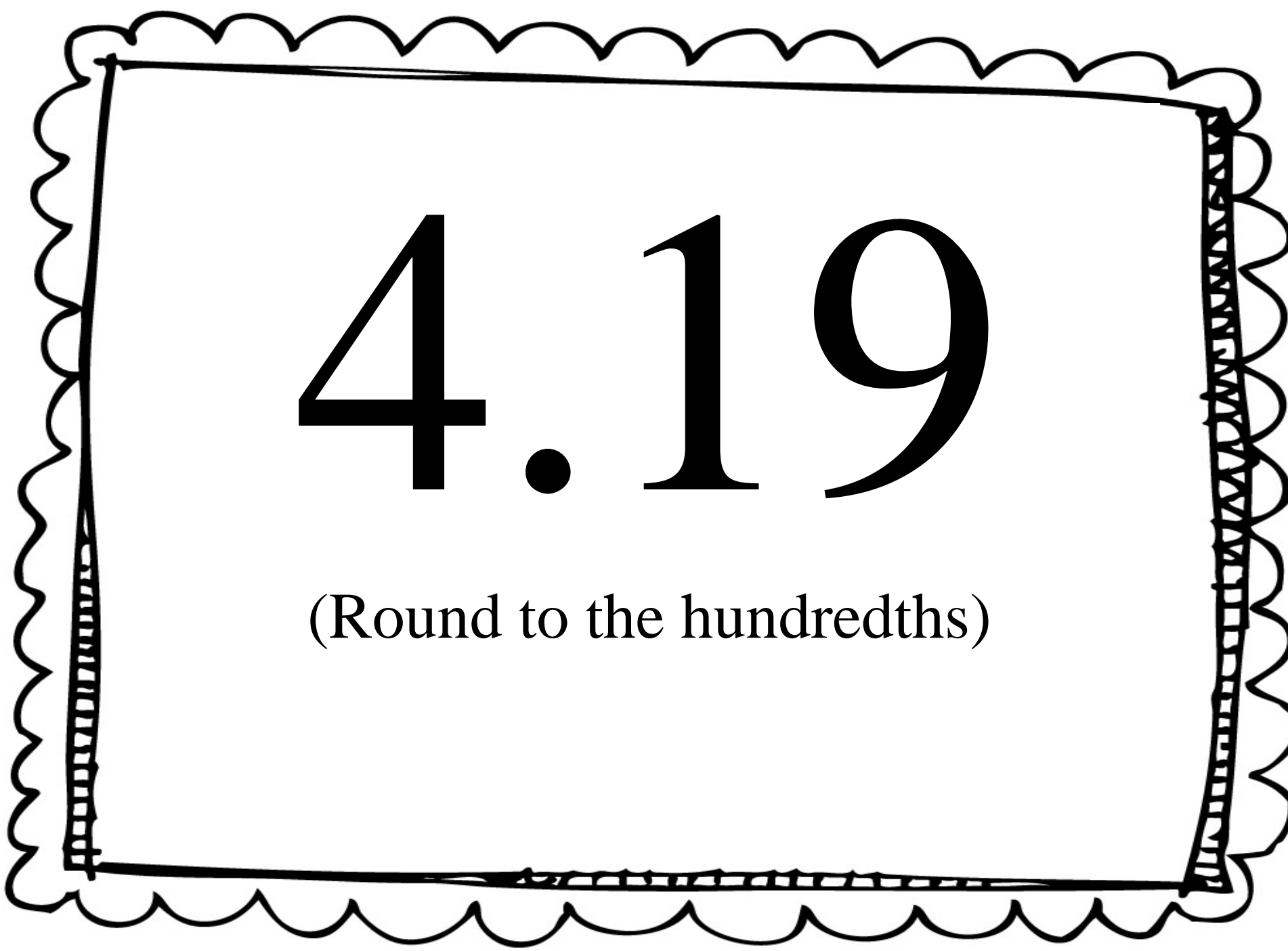
2.86

(Round to the hundredths)



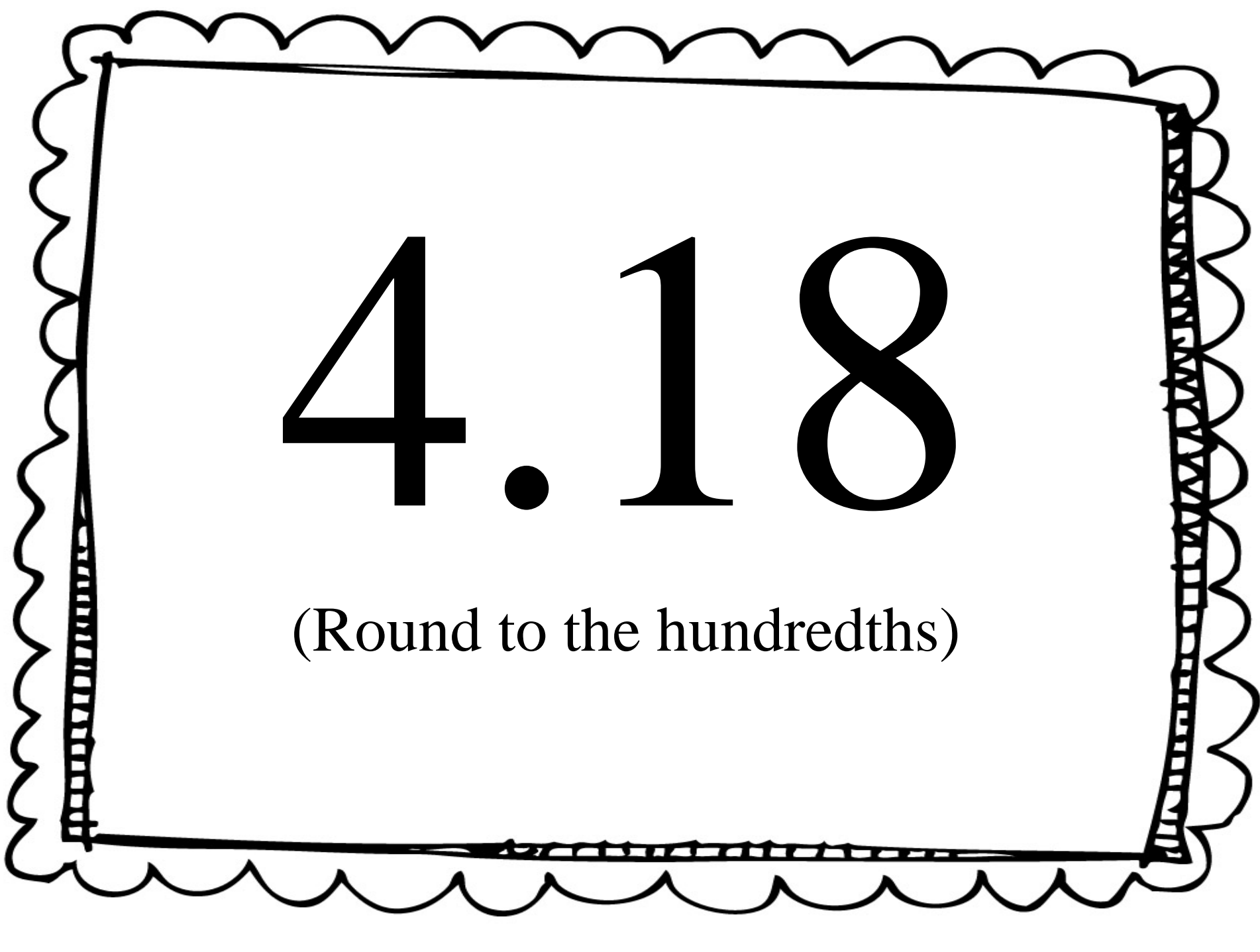
2.87

(Round to the hundredths)



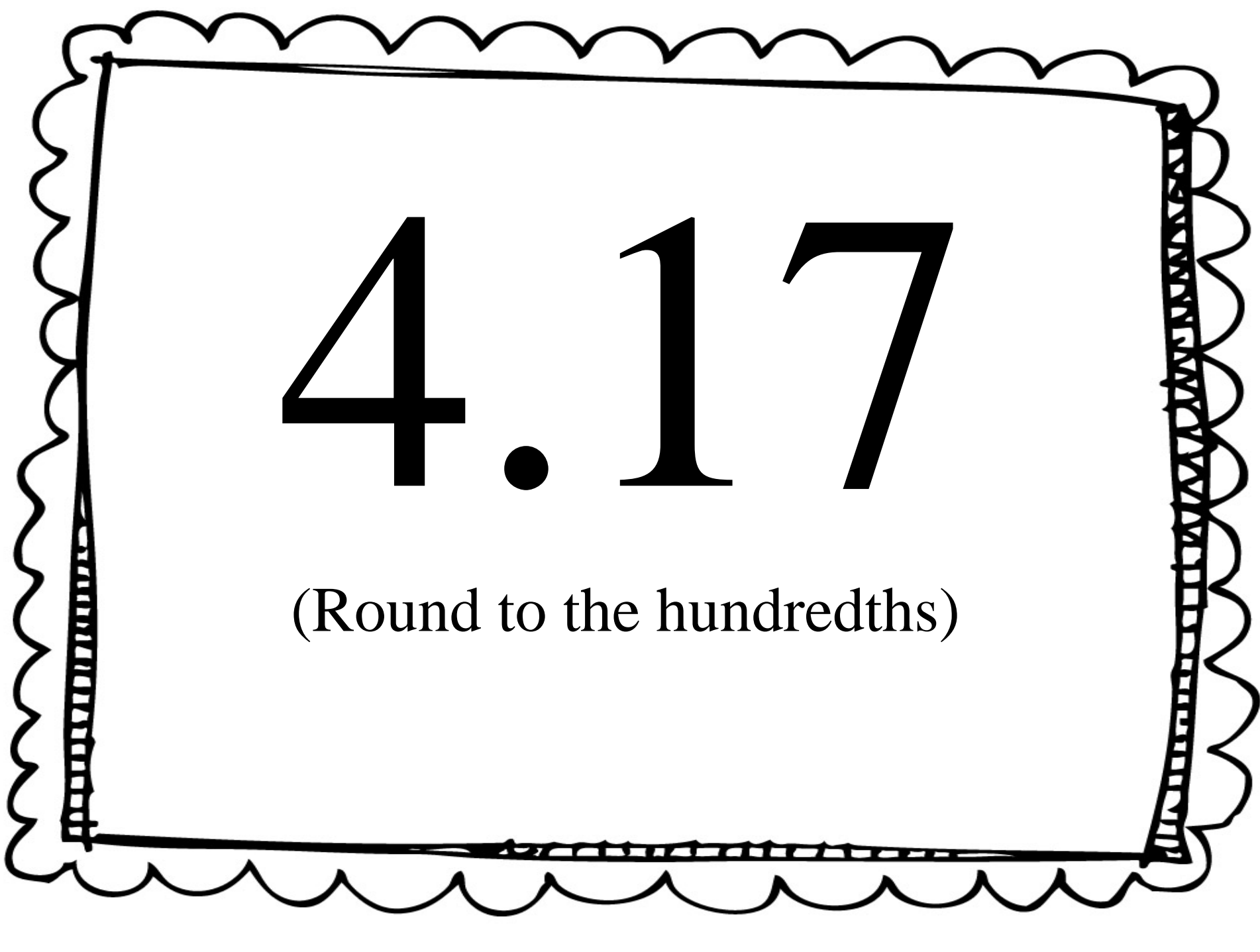
4.19

(Round to the hundredths)



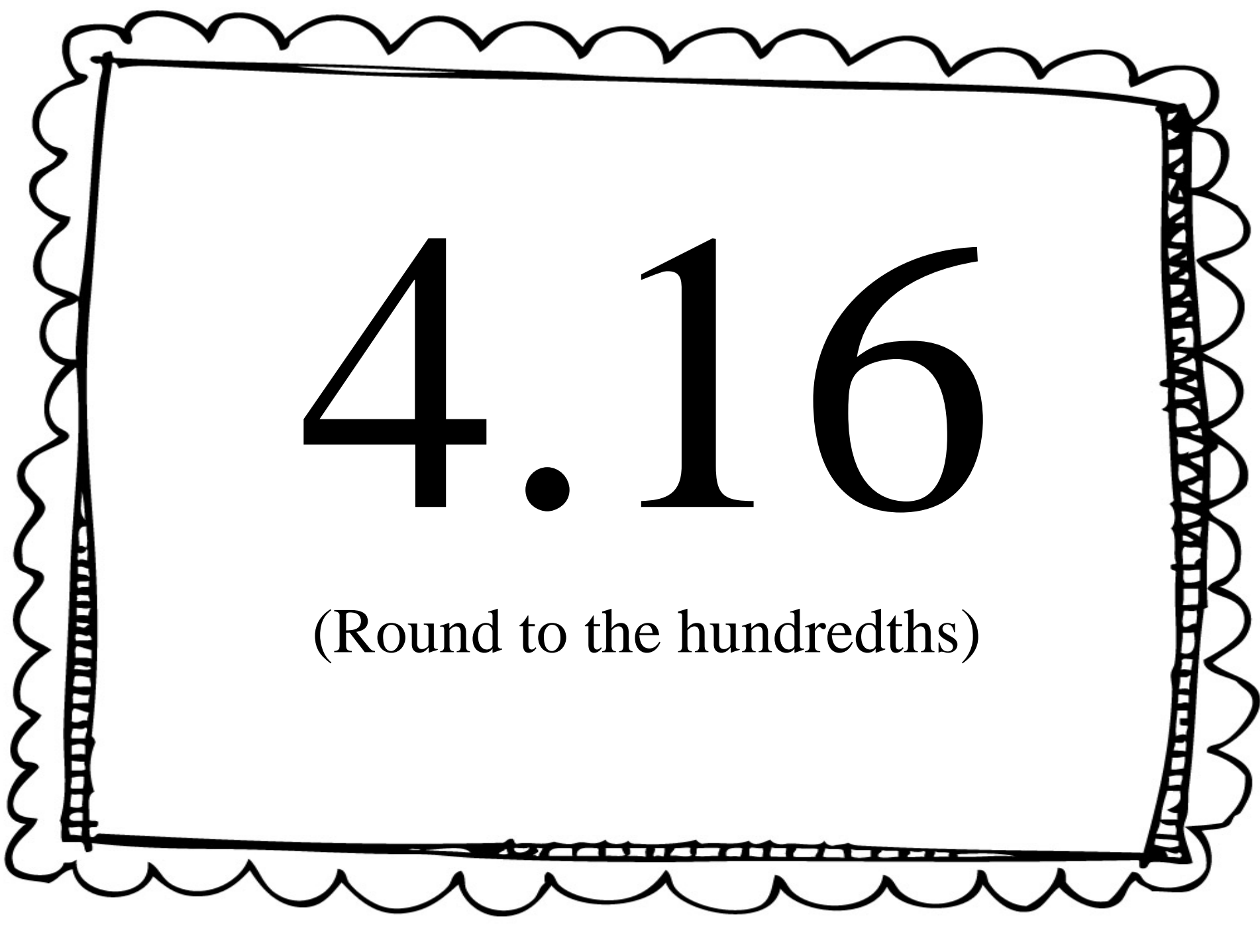
4.18

(Round to the hundredths)



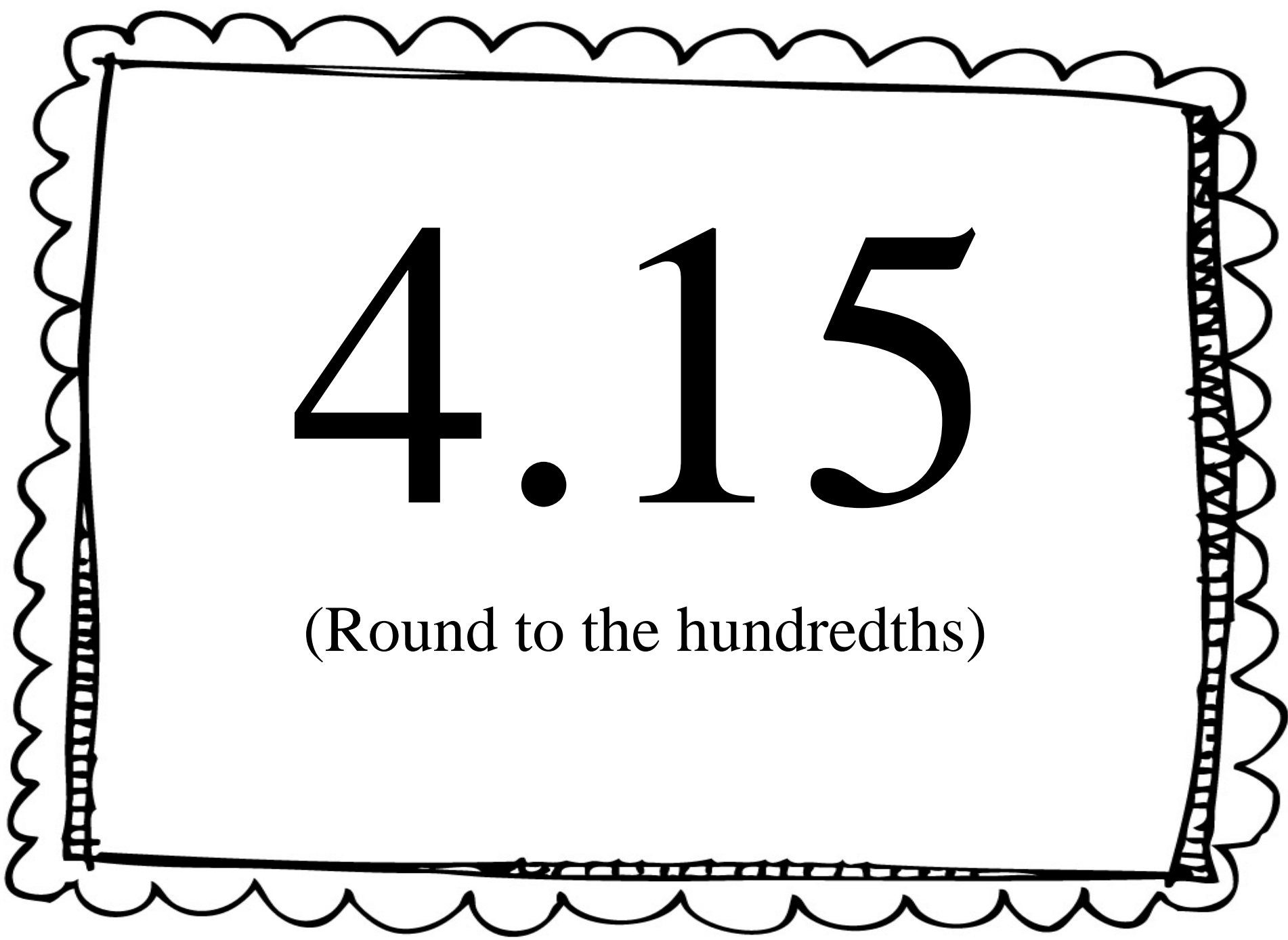
4.17

(Round to the hundredths)



4.16

(Round to the hundredths)



4.15

(Round to the hundredths)

0.78

1.3

2.21

3.214

4.912

5.49

1.382

1.47

1.55

1.661

1.74

1.82

2.818

2.827

2.836

2.842

2.854

2.861

4.189

4.180

4.147

4.165

4.192

4.152

