

Name: \_\_\_\_\_

Date: \_\_\_\_\_

The following list shows three clues about a number.

- The number is greater than 3,207.
- The number is less than 3,351.
- The number has a digit greater than two in the hundreds place.

Which of these could be the number described?

- A** 3,257
- B** 3,864
- C** 2,543
- D** 3,348

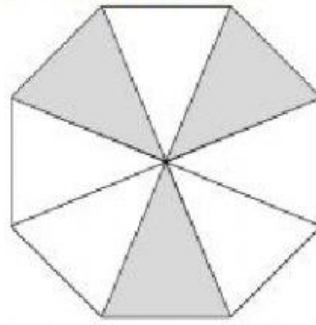
The table below shows different salaries earned in a year.

Name	Amount of Money
John	\$104,345
Kathy	
Nathan	\$103,267
Billy	\$94,569

Kathy had more money than Nathan but less than John. How much money does Kathy have?

- F** \$103,167
- G** \$103,125
- H** \$104,445
- J** \$104,342

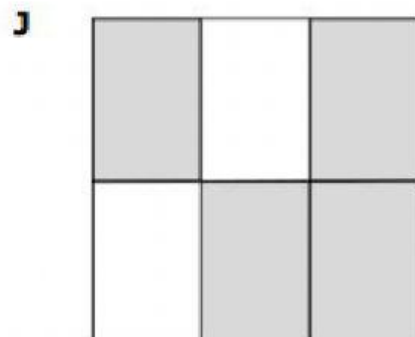
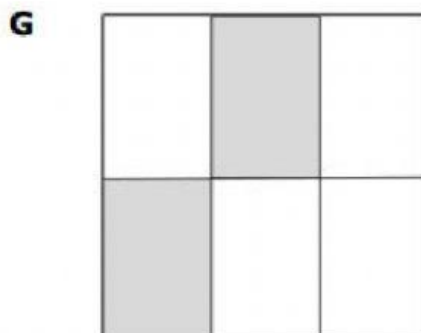
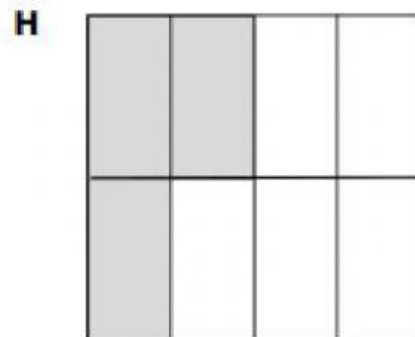
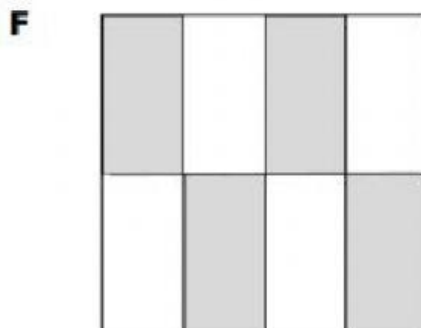
Sai shaded part of the figure shown below.



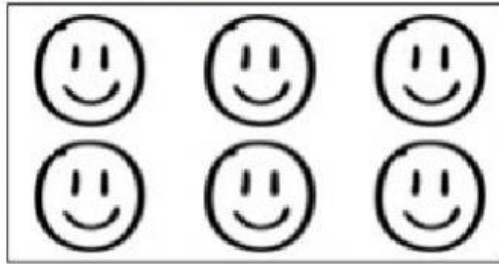
What fraction of the figure did Sai shade?

- A**  $\frac{3}{8}$
- B**  $\frac{5}{8}$
- C**  $\frac{3}{5}$
- D** Not here

Prisha shaded  $\frac{4}{6}$  of a square. Which is the square that Prisha shaded?



Zena has these smiley face stickers.



She wants to share the stickers with herself and five of her friends. How many stickers will each girl get?

**F**  $\frac{6}{6}$

**G**  $\frac{1}{6}$

**H**  $\frac{2}{6}$

**J**  $\frac{1}{5}$

A description of a number is shown below.

The sum of 2 hundreds, 3 hundreds, and 9 tens

What is the number described in standard form?

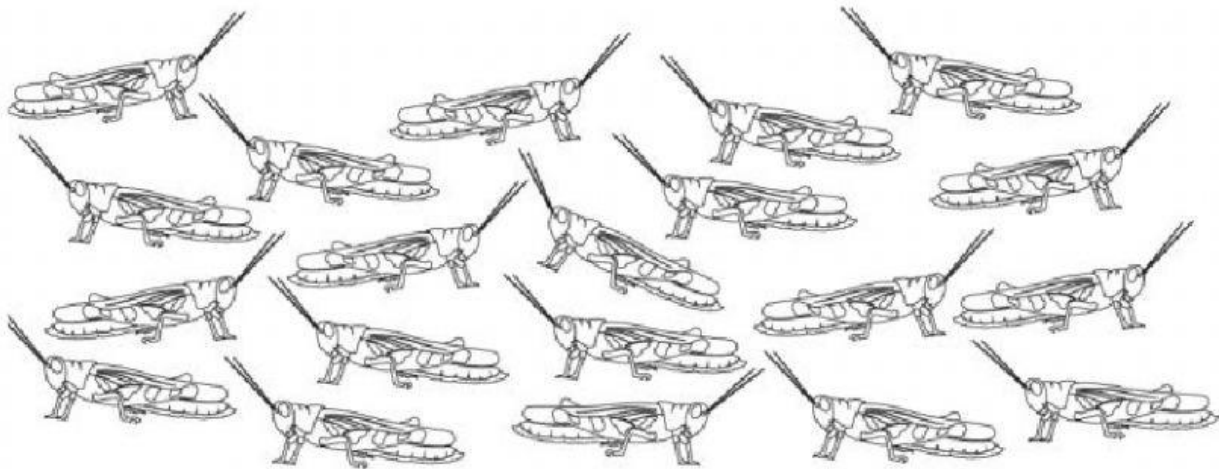
Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.

			.
0	0	0	
1	1	1	
2	2	2	
3	3	3	
4	4	4	
5	5	5	
6	6	6	
7	7	7	
8	8	8	
9	9	9	

Which of these describes the number 208,936?

- F** The sum of 2 ten thousands, 8 thousands, 9 hundreds, 3 tens, and 6 ones
- G** The sum of 2 ten thousands, 8 thousands, 9 hundreds, and 6 ones
- H** The sum of 2 hundred thousands, 8 thousands, 9 hundreds, 3 tens, and 6 ones
- J** The sum of 2 hundred thousands, 8 ten thousands, 9 hundreds, 3 tens, and 6 ones

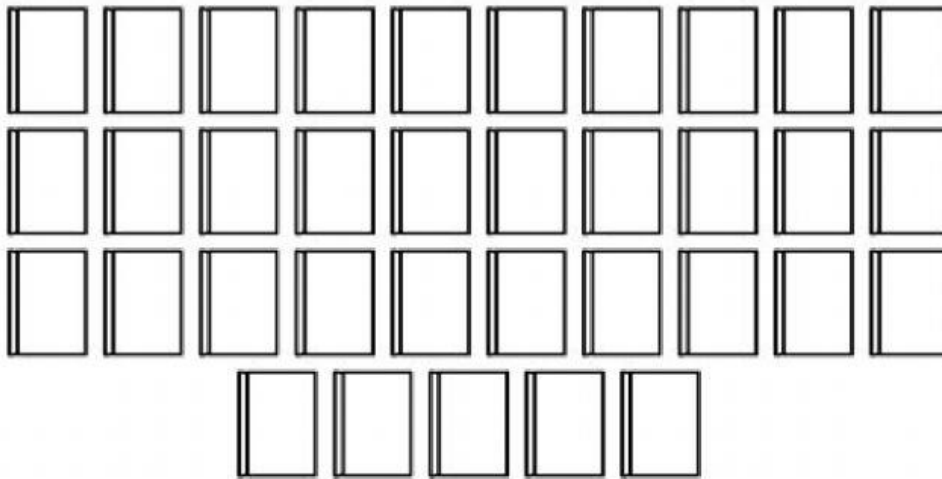
Fynn feeds crickets to his pet snakes. He gives each snake four crickets.



Which number sentence shows how many snakes Fynn feeds?

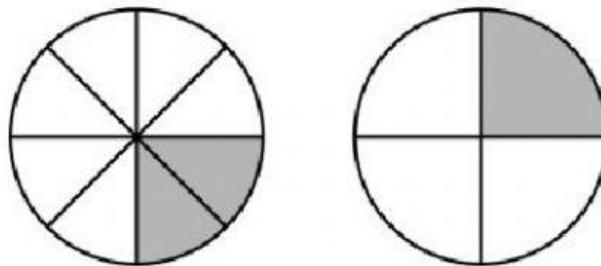
- A** 24, because  $20 + 4 = 24$
- B** 80, because  $20 \times 4 = 80$
- C** 16, because  $20 - 4 = 16$
- D** 5, because  $20 \div 4 = 5$

A bookstore packed up 35 books to send to buyers. They put seven books in each box. If each buyer receives one box, how many buyers will receive books?



- F** 5
- G** 6
- H** 42
- J** 28

The models below each represent a fraction.



Which statement is true, based on the models?

- A**  $\frac{1}{4} = \frac{2}{8}$
- B**  $\frac{1}{4} > \frac{2}{8}$
- C**  $\frac{1}{4} = \frac{1}{8}$
- D**  $\frac{1}{4} > \frac{1}{8}$

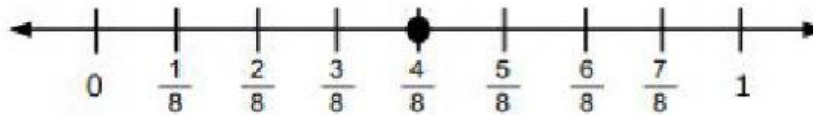


Alejandro marked the number line at  $\frac{2}{3}$ .

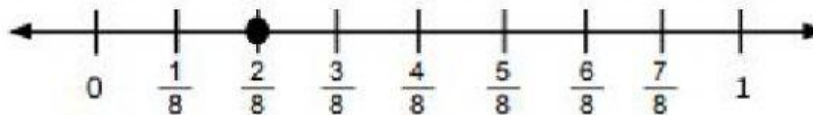


Which number line shows a fraction that is equivalent to the fraction on the number line Alejandro marked?

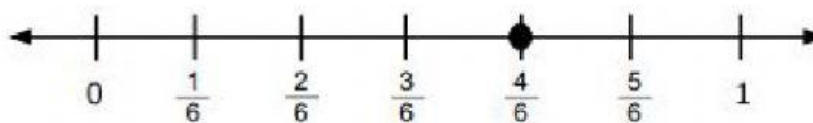
**A**



**B**



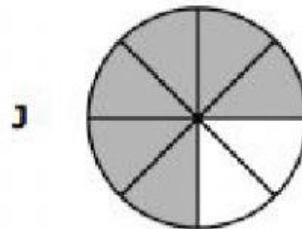
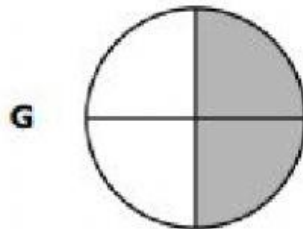
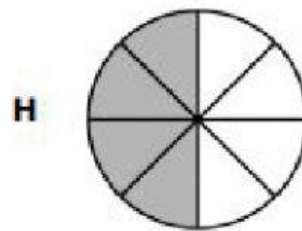
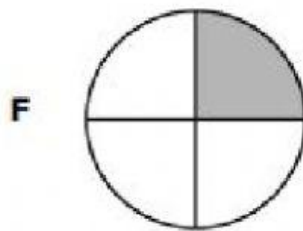
**C**



**D**

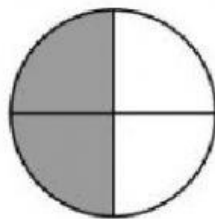


Ayah drew a model that is equivalent to the fraction  $\frac{3}{4}$ . Which of the models could be the model that Ayah drew to represent a fraction that is equivalent to  $\frac{3}{4}$ ?

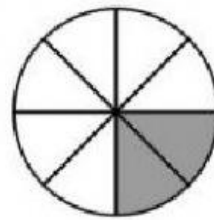


John ordered two pizzas. They are the same size, and each is divided into equal pieces. The models are shaded to show how much pizza John ate.

Model:



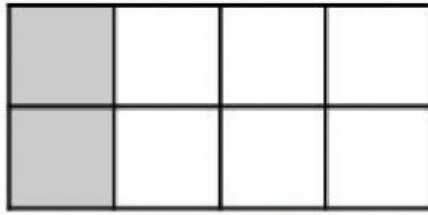
Model:



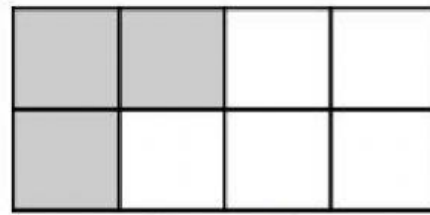
Which statement correctly describes both models?

- A** The fraction  $\frac{2}{4}$  is less than  $\frac{2}{8}$ , because fourths are smaller than eighths.
- B** The fraction  $\frac{2}{4}$  is greater than  $\frac{2}{8}$ , because fourths are larger than eighths.
- C** The fraction  $\frac{2}{4}$  is greater than  $\frac{2}{8}$ , because fourths are smaller than eighths.
- D** The fraction  $\frac{2}{4}$  is less than  $\frac{2}{8}$ , because fourths are larger than eighths.

A carpenter is placing tile in a new house. The models below are shaded to represent the two rooms that he has started tiling.



Room A



Room B

Which statement describes the models?

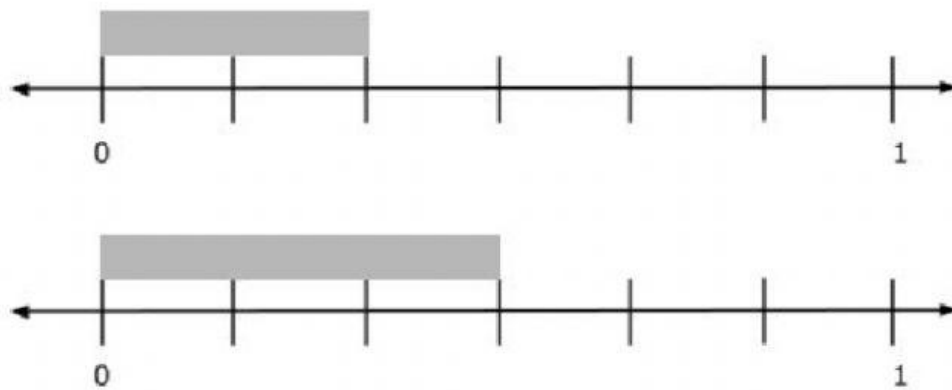
- A**  $\frac{2}{8} < \frac{3}{8}$
- B**  $\frac{2}{8} > \frac{3}{8}$
- C**  $\frac{3}{8} < \frac{2}{8}$
- D**  $\frac{2}{8} = \frac{3}{8}$

A restaurant made a pan of lasagna for 2 people. George ate  $\frac{1}{5}$  of the lasagna, and Zach ate  $\frac{1}{3}$ . Which comparison is correct?

- A**  $\frac{1}{3} > \frac{1}{5}$  , because thirds are larger than fifths
- B**  $\frac{1}{5} < \frac{1}{3}$  , because fifths are larger than thirds
- C**  $\frac{1}{3} = \frac{1}{5}$  , because both numerators are 1
- D** None of these statements is true.



The number lines below are shaded to show 2 fractions.



Which expression correctly compares these fractions?

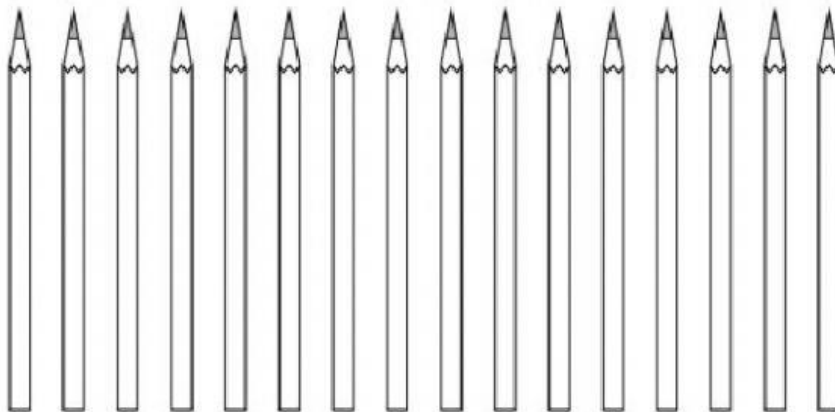
**F**  $\frac{2}{6} = \frac{3}{6}$

**G**  $\frac{2}{6} > \frac{3}{6}$

**H**  $\frac{2}{6} < \frac{3}{6}$

**J**  $\frac{3}{6} < \frac{2}{6}$

Four students in Mr. Welcher's class didn't have pencils. He bought 16 pencils for these students. If Mr. Welcher gives each student the same number of pencils, how many pencils will each student get?



**F** 12

**G** 4

**H** 20

**J** 5