



Third Grade



Analyzing Student Performance

What do you notice?

3th Grade – 3.NF.1



- 27 Jim is planting flowers in the garden shown below. He has already planted flowers in the sections that are shaded.



What fraction of Jim's garden still needs flowers to be planted?

- A $\frac{1}{4}$
- B $\frac{1}{3}$
- C $\frac{2}{3}$
- D $\frac{3}{4}$

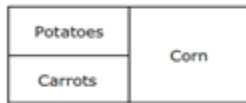
- A. 55%
- B. 4%
- C. 1%
- D. 40%

3th Grade – 3.NF.1



- 36 One-fourth of a garden is planted with potatoes. One-half of the garden is planted with corn. Another one-fourth of the garden is planted with carrots. Which choice shows how the garden could be planted?

A



B



C



D



- A. 57%
- B. 11%
- C. 18%
- D. 22%

3th Grade – 3.NF.2.



6 At which point is $\frac{3}{4}$ located on the number line?



- A P
- B Q
- C R
- D S

- A. 4%
- B. 34%
- C. 45%
- D. 17%

3th Grade – 3.NF.3



17 Jenna shaded $\frac{4}{8}$ of the circle below.



What is another way to name the fraction of the figure that is shaded?

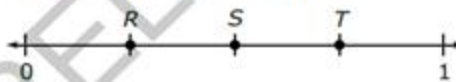
- A $\frac{1}{2}$
- B $\frac{1}{3}$
- C $\frac{1}{4}$
- D $\frac{1}{8}$

- A. 53%
- B. 2%
- C. 19%
- D. 26%

3th Grade – 3.NF.2



28 The number line below is divided into equal parts.



What is the distance from R to T on the number line?

- A $\frac{1}{4}$
- B $\frac{1}{3}$
- C $\frac{2}{4}$
- D $\frac{3}{4}$

- A. 18%
- B. 28%
- C. 35%
- D. 19%

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3th Grade – 3.NF.2



37 What is the distance from 0 to point G on the number line below?



- A $\frac{1}{2}$
- B $\frac{1}{3}$
- C $\frac{2}{3}$
- D $\frac{2}{2}$

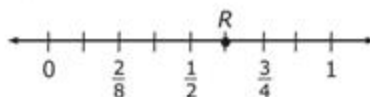
- A. 22%
- B. 25%
- C. 43%
- D. 9%

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3th Grade – 3.NF.2



- 44 Which fraction could replace the R on the number line shown below?



- A $\frac{2}{3}$
- B $\frac{4}{5}$
- C $\frac{5}{8}$
- D $\frac{6}{8}$

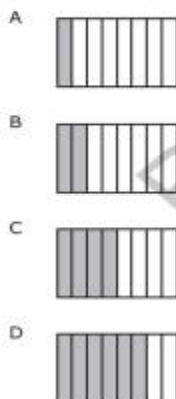
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- A. 50%
- B. 18%
- C. 24%
- D. 8%

3th Grade – 3.NF.3.



- 7 There are 8 children on the playground. One-fourth of the children are on the swings. In which fraction model does the shaded part represent the children who are on the swings?



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- A. 30%
- B. 23%
- C. 45%
- D. 3%

3th Grade – 3.OA.8



- 4 Kim and Sara sold bags of cookies.
- Each bag had 8 cookies.
 - Kim sold 4 bags of cookies.
 - Sara sold 5 bags of cookies.

What is the total number of cookies Kim and Sara sold?

- A 72
B 60
C 52
D 17

- A. 27%
B. 8%
C. 6%
D. 60%

3th Grade – 3.OA.3



- 2 What number is the solution to the equation below?

$$3 = \Delta \div 9$$

- A 3
B 12
C 18
D 27

- A. 70%
B. 8%
C. 3%
D. 18%

3th Grade – 3.OA.8



13 There are 24 boxes. Two of the boxes are empty. Each of the other boxes contains 2 erasers. How many erasers are there altogether?

- A 22
- B 24
- C 44
- D 48

- A. 46%
- B. 9%
- C. 29%
- D. 17%

3th Grade – 3.OA.8



- 21 Gina has a total of 32 marbles.
- She has an equal number of pink, yellow, green, and white marbles.
 - She will put the marbles into 2 cups.
 - She will put an equal number of each color marble into each cup.

How many **green** marbles will be in each cup?

- A 2
- B 4
- C 6
- D 8

- A. 15%
- B. 33%
- C. 14%
- D. 39%

3th Grade – 3.NBT.2



22 A print shop has an order for 902 signs. The shop has already printed 705 signs. How many more signs does the print shop need to print to complete the order?

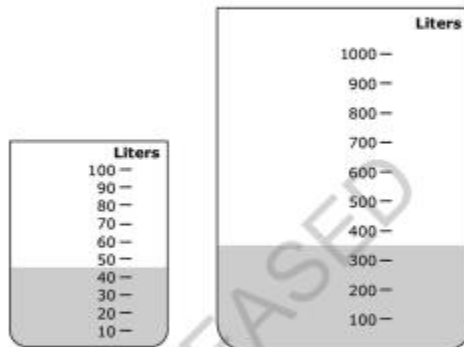
- A 107
- B 197
- C 203
- D 207

- A. 15%
- B. 51%
- C. 17%
- D. 17%

3th Grade – 3.MD.2



18 A company used the amounts of liquid shown below.



What is the total amount of liquid the company used?

- A 305 liters
- B 340 liters
- C 395 liters
- D 450 liters

- A. 10%
- B. 41%
- C. 37%
- D. 17%

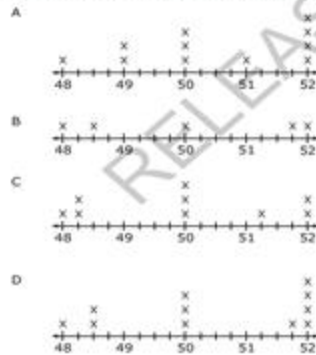
3th Grade – 3.MD.4



39 Matthew measured the heights of 11 friends. The results are shown in the table below.

Height	Boys
48 in.	Josh
$48\frac{1}{2}$ in.	Adam, Kyle
50 in.	Steven, Alan, Tom
$51\frac{1}{2}$ in.	Andrew
52 in.	Mike, Robert, Jeff, Kevin

Which line plot correctly displays Matthew's data?

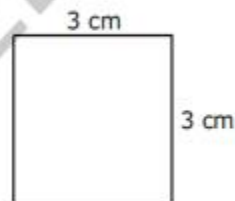


- A. 32%
- B. 16%
- C. 16%
- D. 36%

3th Grade – 3.MD.7



9 What is the area of this figure?



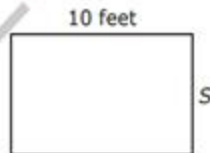
- A 6 square cm
- B 9 square cm
- C 12 square cm
- D 18 square cm

- A. 36%
- B. 13%
- C. 49%
- D. 2%

3th Grade – 3.MD.7



- 31 A rectangular room has a perimeter of 36 feet. One side is 10 feet long.



How long is side S ?

- A 6 feet
- B 8 feet
- C 16 feet
- D 26 feet

- A. 35%
- B. 35%
- C. 13%
- D. 17%

3th Grade – 3.MD.8



- 19 Mr. Sim's yard has 4 sides.

- The distance around the yard is 176 feet.
- Three sides of his yard measure 48 feet, 37 feet, and 56 feet.

How long is the fourth side?

- A 141 feet
- B 85 feet
- C 35 feet
- D 21 feet

- A. 28%
- B. 21%
- C. 42%
- D. 10%

3th Grade – 3.G.2



20 What fraction of the area of the model below is shaded?



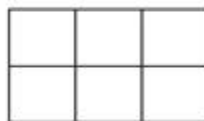
- A $\frac{1}{3}$
- B $\frac{1}{4}$
- C $\frac{2}{4}$
- D $\frac{2}{5}$

- A. 3%
- B. 23%
- C. 38%
- D. 36%

3th Grade – 3.G.2



42 Kim will cover part of her kitchen floor with the rug shown in the picture below.



Kitchen Floor



Rug

Which choice shows the greatest amount of the kitchen floor Kim can cover with the rug?

- A $\frac{2}{8}$
- B $\frac{6}{8}$
- C $\frac{1}{6}$
- D $\frac{2}{6}$

- A. 5%
- B. 85%
- C. 7%
- D. 4%



What recommendations do you have?