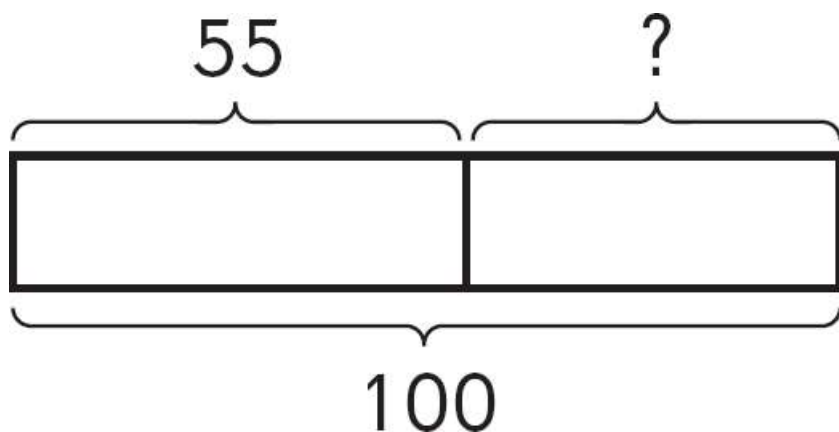


Name: \_\_\_\_\_

Chapter 4 Using Bar Models: Addition and Subtraction

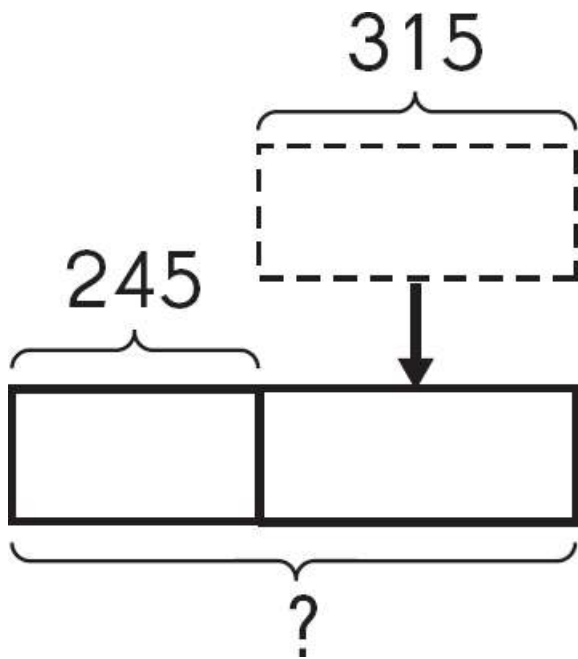
1. **Marjorie makes 100 sandwiches.**  
**She makes 55 chicken sandwiches.**  
**The rest are turkey sandwiches.**  
**How many turkey sandwiches does she make?**



- A. ☐ 45 turkey sandwiches  
B. ☐ 155 turkey sandwiches  
C. ☐ 551 turkey sandwiches  
D. ☐ 650 turkey sandwiches

*2.NBT.1; 2.NBT.7*

2. A meal center has 245 bags of rice.  
A food bank donates 315 bags of rice.  
How many bags of rice does the meal center have now?

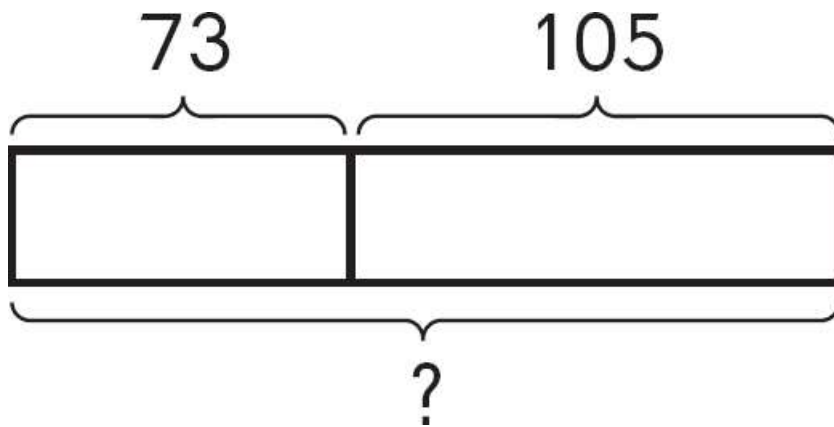


- A. ☐ 70 bags  
B. ☐ 130 bags  
C. ☐ 170 bags  
D. ☐ 560 bags

2.NBT.6; 2.NBT.7

3. **Mrs. Dobson and her friends take 73 days to find the right mix of patches for a giant quilt.**

**They take another 105 days to sew the quilt together. How long do they take to make the giant quilt?**



- A. ☐ 32 days  
B. ☐ 172 days  
C. ☐ 178 days  
D. ☐ 835 days

*2.NBT.6; 2.NBT.7*

4. **A dry cleaning clerk took 120 orders on Friday.  
He took 75 orders on Saturday.  
How many orders did he take on those two days?**

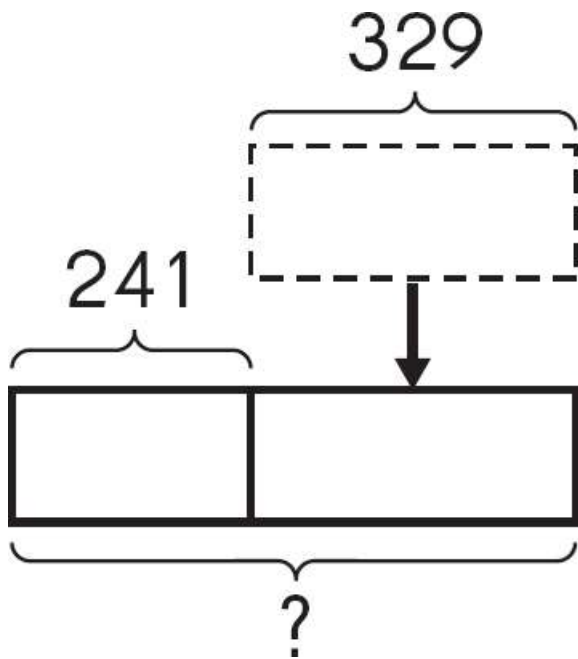
- A. ☐ 195 orders  
B. ☐ 205 orders  
C. ☐ 215 orders  
D. ☐ 305 orders

*2.NBT.6; 2.NBT.7*

5. **Maria collected 720 stamps.  
After a few days, she received 127 more stamps from her brother.  
How many stamps does Maria have in all?**

*2.NBT.6; 2.NBT.7*

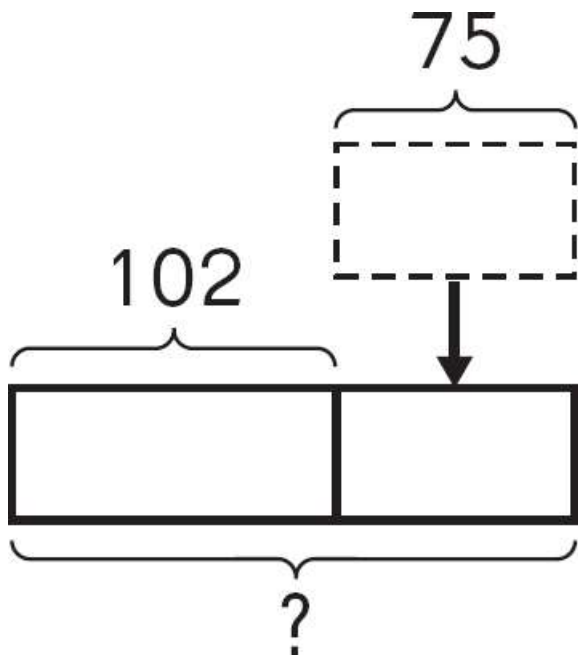
6. Sheila scored 241 points in the first round of a contest.  
She scored 329 points in the second round of the contest.  
How many points did Sheila score in all?



- A. ☐ 88 points  
B. ☐ 570 points  
C. ☐ 128 points  
D. ☐ 560 points

2.NBT.6; 2.NBT.7

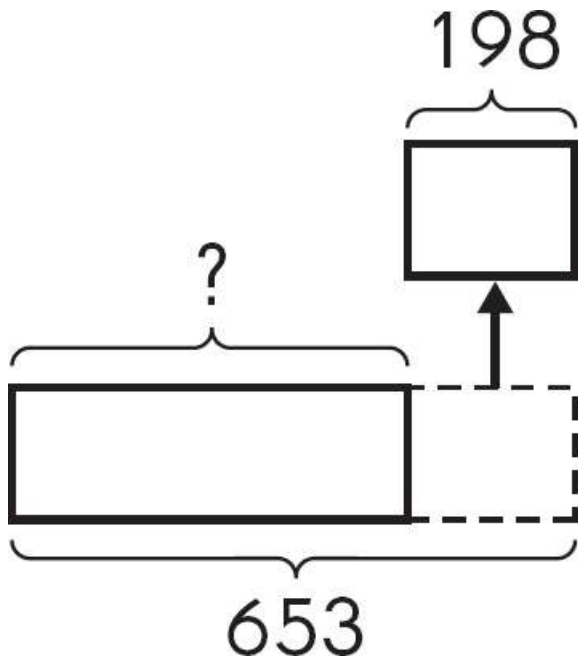
7. A telemarketer makes 102 phone calls in the morning.  
She makes another 75 phone calls in the afternoon.  
How many total phone calls does she make?



- A. ☐ 27 phone calls  
B. ☐ 63 phone calls  
C. ☐ 87 phone calls  
D. ☐ 177 phone calls

2.NBT.6; 2.NBT.7

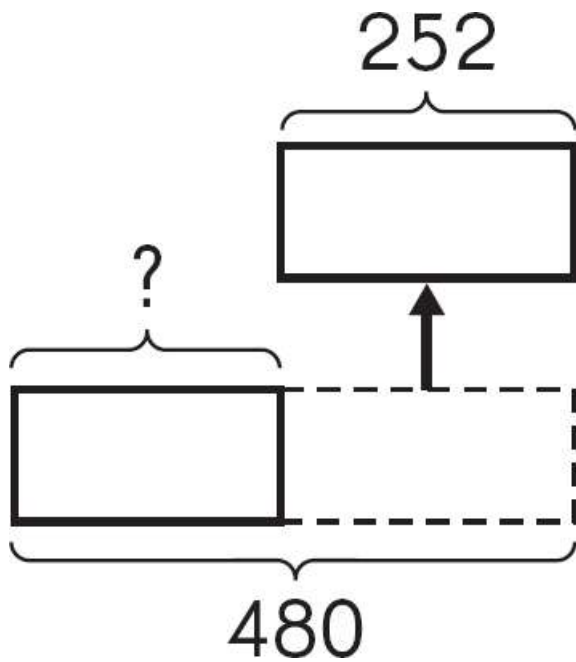
8. Shawn scores 653 point in the first round of a game show.  
He loses 198 points in the second round.  
How many points does Shawn have left at the end of the second round?



- A. ☐ 851 points  
B. ☐ 545 points  
C. ☐ 455 points  
D. ☐ 741 points

2.NBT.7

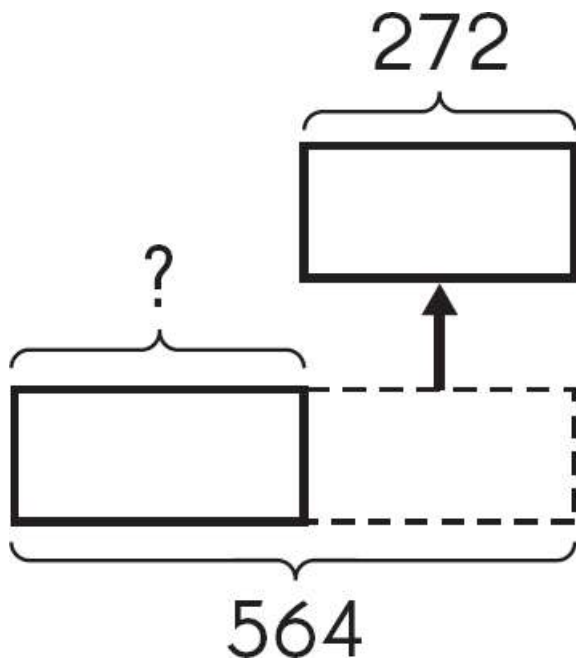
9. A shop had 480 boxes of cornflakes.  
During the week, it sold 252 boxes of cornflakes.  
How many boxes of cornflakes are left in the shop now?



- A. ☐ 228 boxes  
B. ☐ 232 boxes  
C. ☐ 632 boxes  
D. ☐ 732 boxes

2.NBT.7

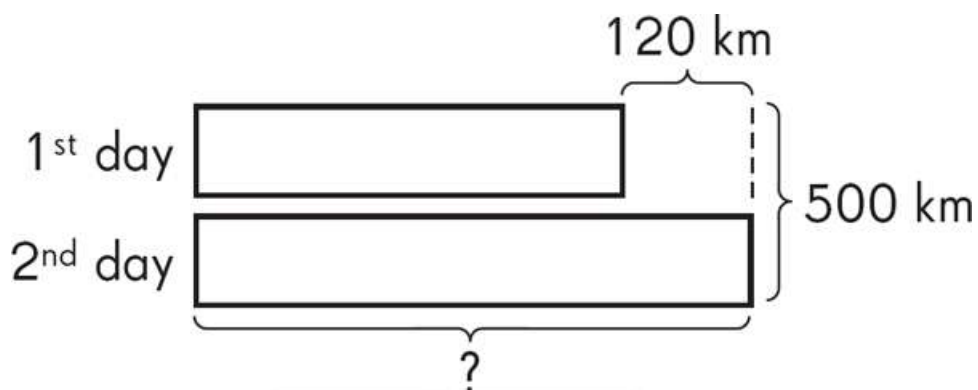
10. A supermarket had 564 boxes of oatmeal.  
In a week, it sold 272 boxes of oatmeal.  
How many boxes of oatmeal are left in the supermarket?



- A. ☐ 212 boxes  
B. ☐ 292 boxes  
C. ☐ 736 boxes  
D. ☐ 836 boxes

2.NBT.7

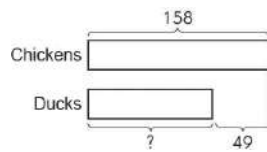
11. Sam is driving across the United States.  
He drives a total of 500 kilometers in two days.  
He drives 120 kilometers less on the first day than on the second day.  
How many kilometers does Sam drive on the second day?



2.NBT.7



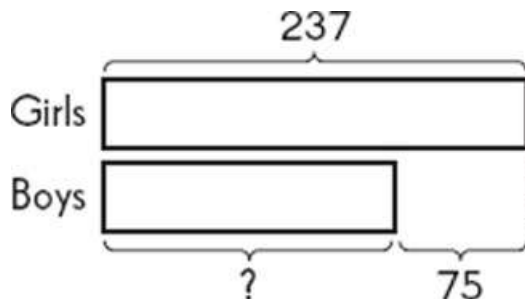
12. **Mr. Johnson has 158 chickens on his farm.**  
**He has 49 more chickens than ducks.**  
**How many ducks does he have?**



- A. ☐ 109 ducks  
B. ☐ 111 ducks  
C. ☐ 197 ducks  
D. ☐ 207 ducks

2.NBT.7

13. **There are 237 students in first grade.**  
**There are 75 more girls than boys.**  
**How many boys are there?**



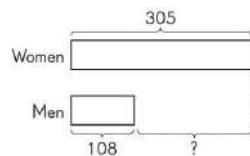
- A. ☐ 81 boys  
B. ☐ 156 boys  
C. ☐ 162 boys  
D. ☐ 312 boys

2.NBT.7

14. There are 305 women in a line outside a mall.

There are 108 men in the line.

How many more women than men are in the line?



- A. ☐ 203 more women
- B. ☐ 197 more women
- C. ☐ 403 more women
- D. ☐ 413 more women

2.NBT.7

15. There are 995 yellow, blue, and red balls in a container.

There are 543 yellow balls and 241 blue balls.

How many red balls are there in the container?

2.NBT.7

16. Tom saved \$487 last month.

He saved \$358 this month.

He then bought a watch for \$98.

How much does Tom have left?

2.NBT.7

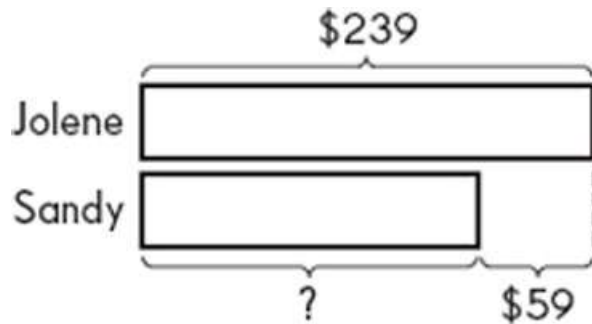
17. A speaker spoke for 111 minutes on Saturday.

On Sunday, he spoke for 213 minutes more than on Saturday.

For how many minutes did he speak on those two days?

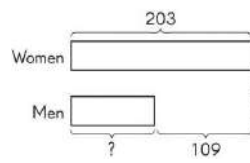
2.NBT.6; 2.NBT.7

18. Jolene and Sandy have \$239 in all.  
Jolene has \$59 more than Sandy.  
How much does Sandy have?



2.NBT.6

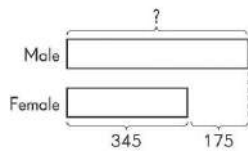
19. There are 203 women on a plane.  
There are 109 more women than men on the plane.  
How many men are on the plane?



- A. ○ 94 men  
B. ○ 106 men  
C. ○ 302 men  
D. ○ 312 men

2.NBT.6

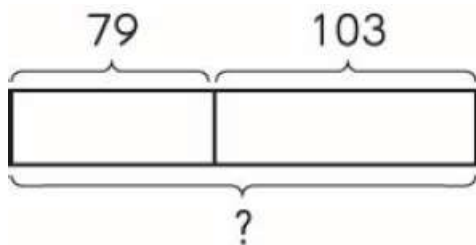
20. **There are 345 female fans at basketball game.**  
**There are 175 fewer female fans than male fans.**  
**How many male fans are there?**



- A. ☐ 170 male fans  
B. ☐ 235 male fans  
C. ☐ 420 male fans  
D. ☐ 520 male fans

2.NBT.6

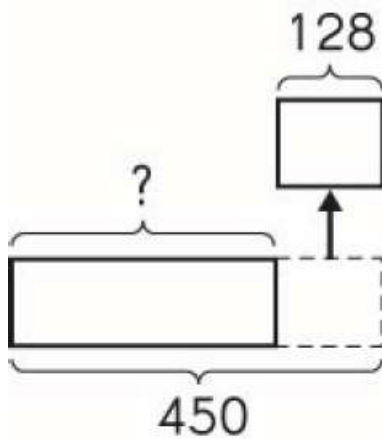
21. **At one school students have 79 school days before the winter break and 103 days after the break. How many days do children attend school that year?**



- A. ☐ 24 days  
B. ☐ 179 days  
C. ☐ 182 days  
D. ☐ 183 days

2.NBT.6; 2.NBT.7

22. **Ms. Rodgers bought a package of 450 paper plates for a family reunion. On the first day, the relatives used 128 plates. How many plates were left for the second day?**



- A. ☐ 322 plates  
B. ☐ 332 plates  
C. ☐ 378 plates  
D. ☐ 578 plates

2.NBT.6

23. **Chef Miguel needs to make 330 roast beef and chicken sandwiches for a party. He has made 144 roast beef sandwiches. How many chicken sandwiches does he need to make now?**

- A. ☐ 186 sandwiches  
B. ☐ 196 sandwiches  
C. ☐ 214 sandwiches  
D. ☐ 216 sandwiches

2.NBT.6

24. **Ms. Li asked her class to make paper snowflakes and paper cranes for classroom decorations. Her children made 47 cranes and 135 more snowflakes than cranes. How many paper decorations did they make in all?**

- A. ☐ 88 decorations  
B. ☐ 182 decorations  
C. ☐ 229 decorations  
D. ☐ 317 decorations

2.NBT.6; 2.NBT.7

25. **Mr. Jackson had \$725. He spent \$459 on new tires for his car. Then he bought new sunglasses for \$15. He has \$251 left. How can he check that he received the correct change for his purchases?**

A. ☐ Subtract \$15 and \$251 from \$459. He should get \$725

B. ☐ Subtract \$15 from \$459. He should get \$251.

C. ☐ Add \$725, \$459, and \$15. It should add up to \$251.

D. ☐ Add \$459, \$15, and \$251. It should add up to \$725.

*CC.K-12.MP.1 ; CC.K-12.MP.2*

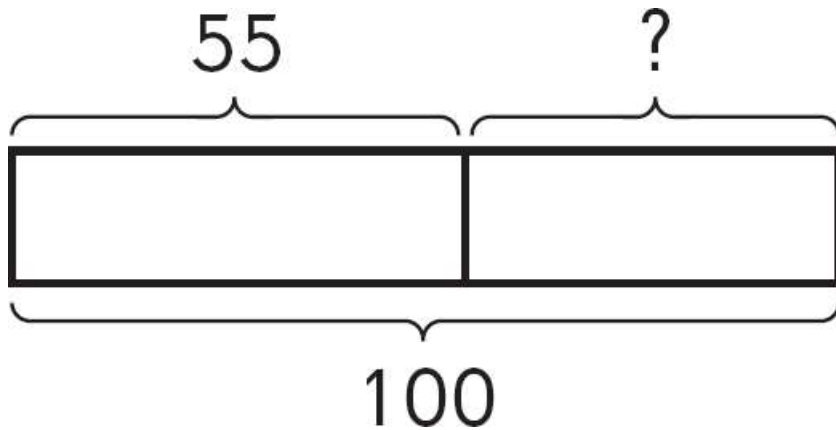
ANSWER KEY

1. **Marjorie makes 100 sandwiches.**

**She makes 55 chicken sandwiches.**

**The rest are turkey sandwiches.**

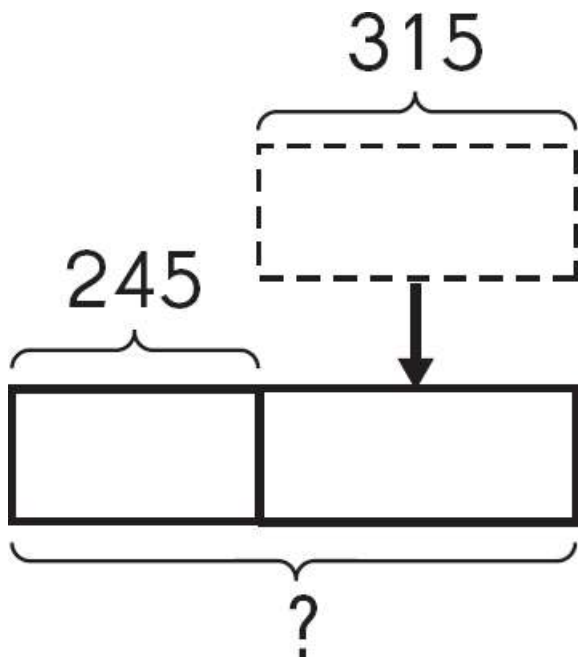
**How many turkey sandwiches does she make?**



- A. ☒ 45 turkey sandwiches
- B. ☐ 155 turkey sandwiches
- C. ☐ 551 turkey sandwiches
- D. ☐ 650 turkey sandwiches

*2.NBT.1; 2.NBT.7*

2. A meal center has 245 bags of rice.  
A food bank donates 315 bags of rice.  
How many bags of rice does the meal center have now?



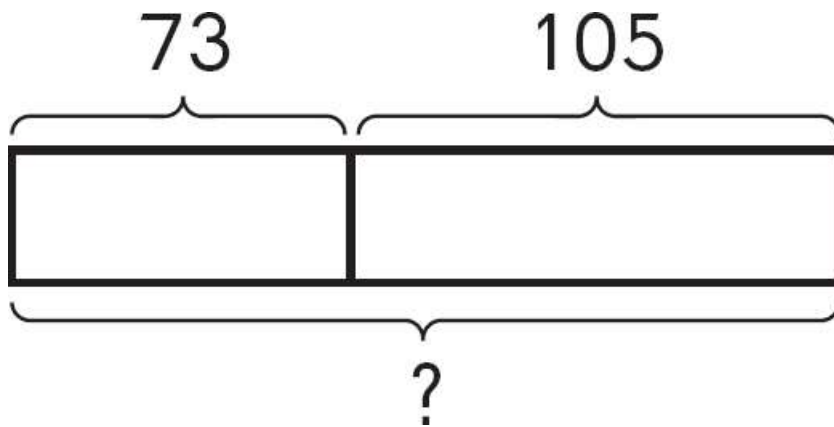
- A. ☐ 70 bags  
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2.NBT.6; 2.NBT.7



3. **Mrs. Dobson and her friends take 73 days to find the right mix of patches for a giant quilt.**

**They take another 105 days to sew the quilt together. How long do they take to make the giant quilt?**



- A. ☐ 32 days  
B. ☐ 172 days  
C. ☒ 178 days  
D. ☐ 835 days

*2.NBT.6; 2.NBT.7*

4. **A dry cleaning clerk took 120 orders on Friday.  
He took 75 orders on Saturday.  
How many orders did he take on those two days?**

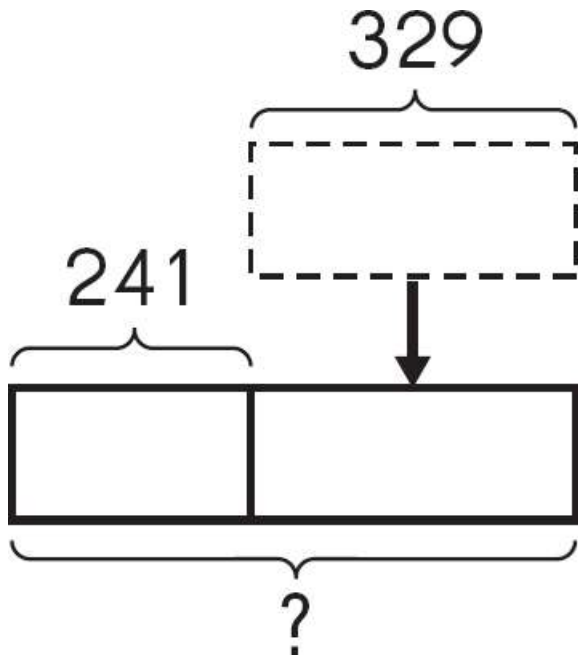
- A. ☒ 195 orders  
B. ☐ 205 orders  
C. ☐ 215 orders  
D. ☐ 305 orders

*2.NBT.6; 2.NBT.7*

5. **Maria collected 720 stamps.  
After a few days, she received 127 more stamps from her brother.  
How many stamps does Maria have in all?**

*847 stamps 2.NBT.6; 2.NBT.7*

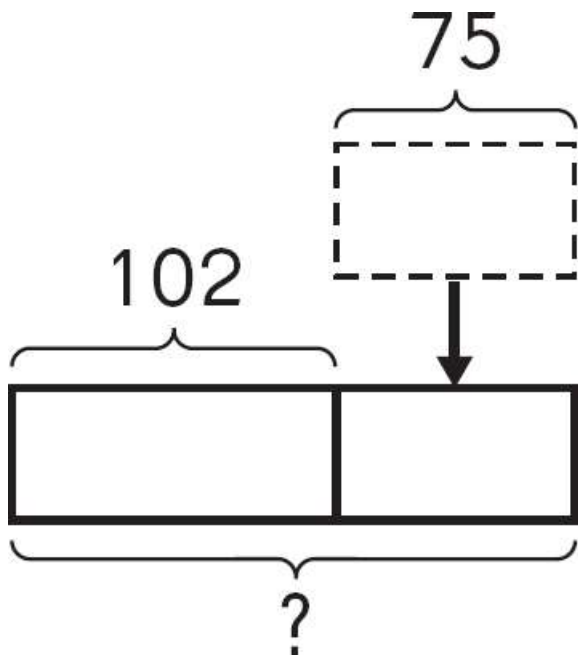
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2.NBT.6; 2.NBT.7

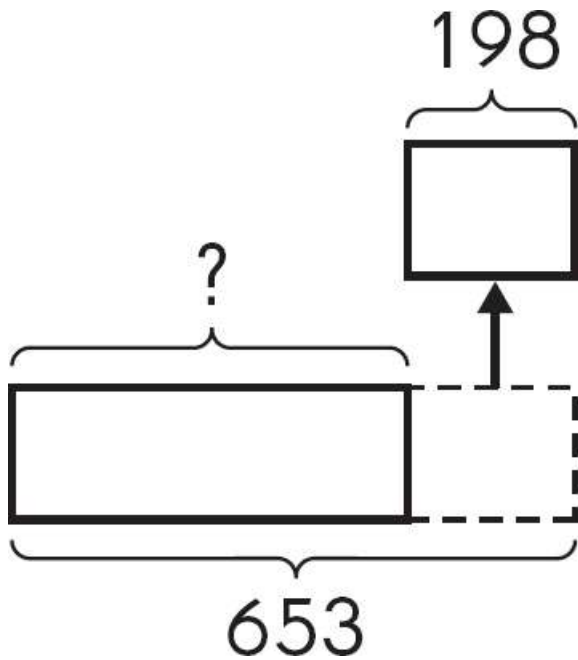
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D. ☒ 177 phone calls

2.NBT.6; 2.NBT.7

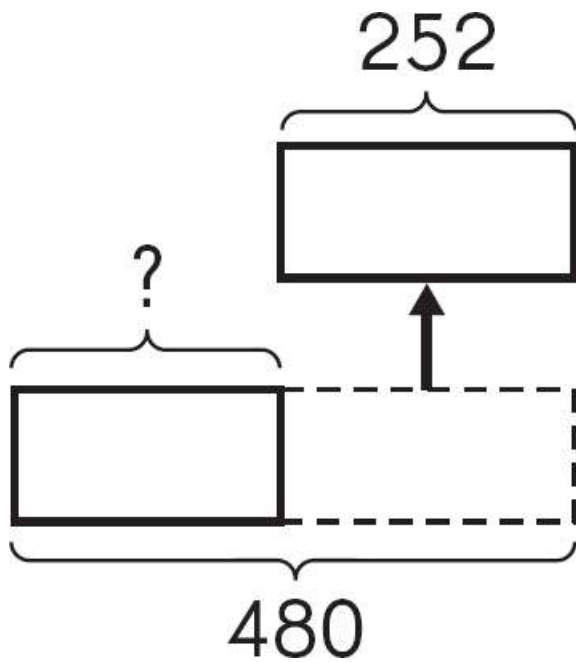
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How many points does Shawn have left at the end of the second round?



- A. ☐ 851 points  
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2.NBT.7

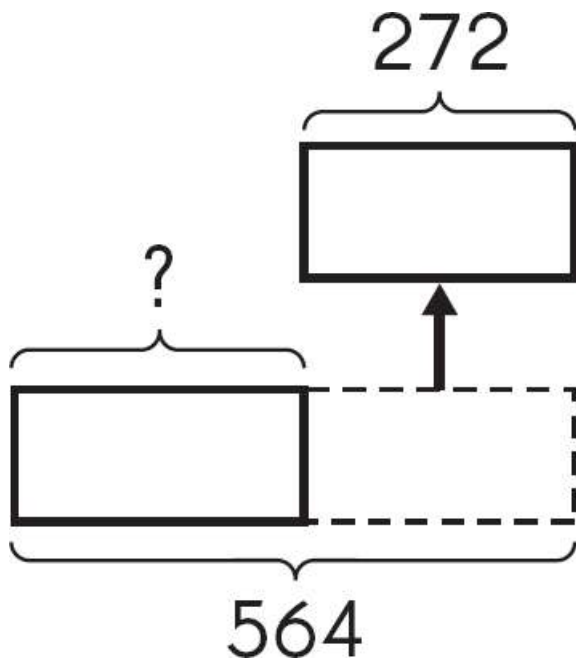
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How many boxes of cornflakes are left in the shop now?



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2.NBT.7

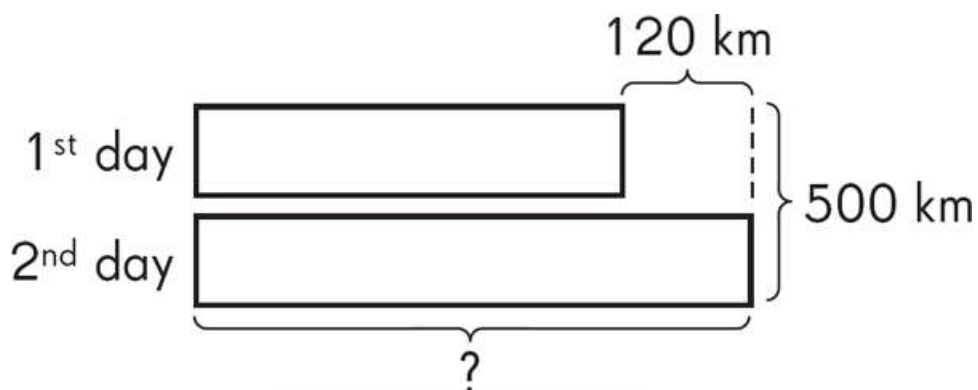
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How many boxes of oatmeal are left in the supermarket?



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B. ☒ 292 boxes  
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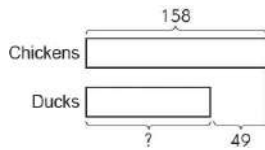
2.NBT.7

11. Sam is driving across the United States.  
He drives a total of 500 kilometers in two days.  
He drives 120 kilometers less on the first day than on the second day.  
How many kilometers does Sam drive on the second day?



310 km 2.NBT.7

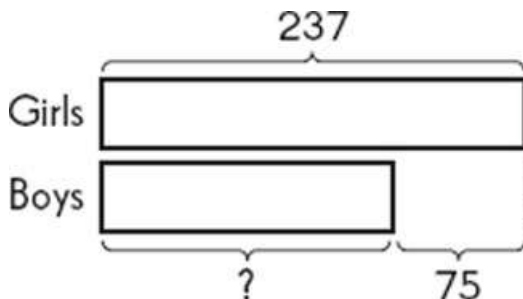
12. **Mr. Johnson has 158 chickens on his farm.**  
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- A. ☒ 109 ducks  
B. ☐ 111 ducks  
C. ☐ 197 ducks  
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2.NBT.7

13. **There are 237 students in first grade.**  
**There are 75 more girls than boys.**  
**How many boys are there?**



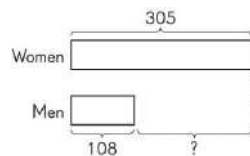
- A. ☐ 81 boys  
B. ☐ 156 boys  
C. ☒ 162 boys  
D. ☐ 312 boys

2.NBT.7

14. There are 305 women in a line outside a mall.

There are 108 men in the line.

How many more women than men are in the line?



- A. ☐ 203 more women  
B. ☒ 197 more women  
C. ☐ 403 more women  
D. ☐ 413 more women

2.NBT.7

15. There are 995 yellow, blue, and red balls in a container.

There are 543 yellow balls and 241 blue balls.

How many red balls are there in the container?

211 red balls 2.NBT.7

16. Tom saved \$487 last month.

He saved \$358 this month.

He then bought a watch for \$98.

How much does Tom have left?

747 2.NBT.7

17. A speaker spoke for 111 minutes on Saturday.

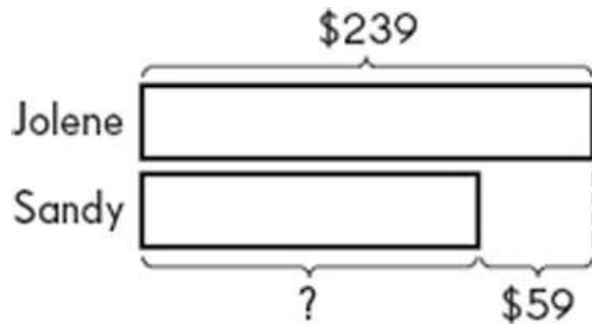
On Sunday, he spoke for 213 minutes more than on Saturday.

For how many minutes did he speak on those two days?

435 minutes 2.NBT.6; 2.NBT.7

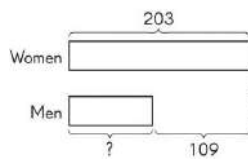


18. Jolene and Sandy have \$239 in all.  
Jolene has \$59 more than Sandy.  
How much does Sandy have?



180 2.NBT.6

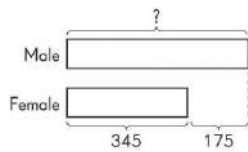
19. There are 203 women on a plane.  
There are 109 more women than men on the plane.  
How many men are on the plane?



- A. ☒ 94 men  
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C. ☐ 302 men  
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2.NBT.6

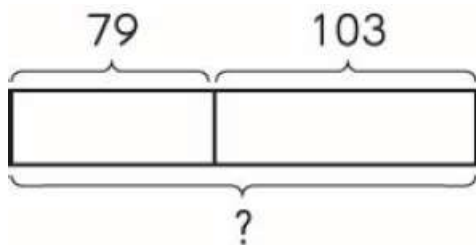
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 C. ☐ 420 male fans  
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2.NBT.6

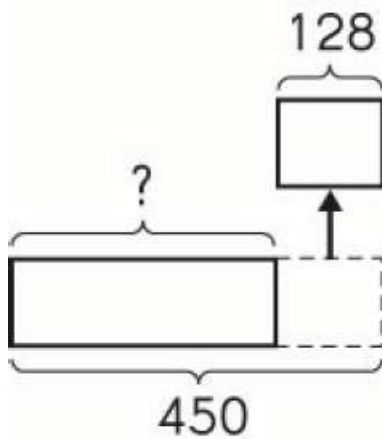
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 B. ☐ 179 days  
 C. ☒ 182 days  
 D. ☐ 183 days

2.NBT.6; 2.NBT.7

22. **Ms. Rodgers bought a package of 450 paper plates for a family reunion. On the first day, the relatives used 128 plates. How many plates were left for the second day?**



- A. ☒ 322 plates  
B. ☐ 332 plates  
C. ☐ 378 plates  
D. ☐ 578 plates  
*2.NBT.6*
23. **Chef Miguel needs to make 330 roast beef and chicken sandwiches for a party. He has made 144 roast beef sandwiches. How many chicken sandwiches does he need to make now?**
- A. ☒ 186 sandwiches  
B. ☐ 196 sandwiches  
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*2.NBT.6*
24. **Ms. Li asked her class to make paper snowflakes and paper cranes for classroom decorations. Her children made 47 cranes and 135 more snowflakes than cranes. How many paper decorations did they make in all?**
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- B. ☐ Subtract \$15 from \$459. He should get \$251.
- C. ☐ Add \$725, \$459, and \$15. It should add up to \$251.
- D. ☒ Add \$459, \$15, and \$251. It should add up to \$725.

*CC.K-12.MP.1 ; CC.K-12.MP.2*