

Partitioning to Divide - Three in a Row

Materials:

- Three in a row Game Board
- Dry Erase Boards/Markers/Erasers – Different color marker for each player
- Game Cards – Well Shuffled

To Play:

Players take turns drawing a card, finding the solution and writing the answer in a square on the 3-in-A-Row board each using his/her own color marker.

If a player finds a solution that the other player has already put on the board, he/she can erase the answer in the other player's color and replace it with his/her own or write it in an open square.

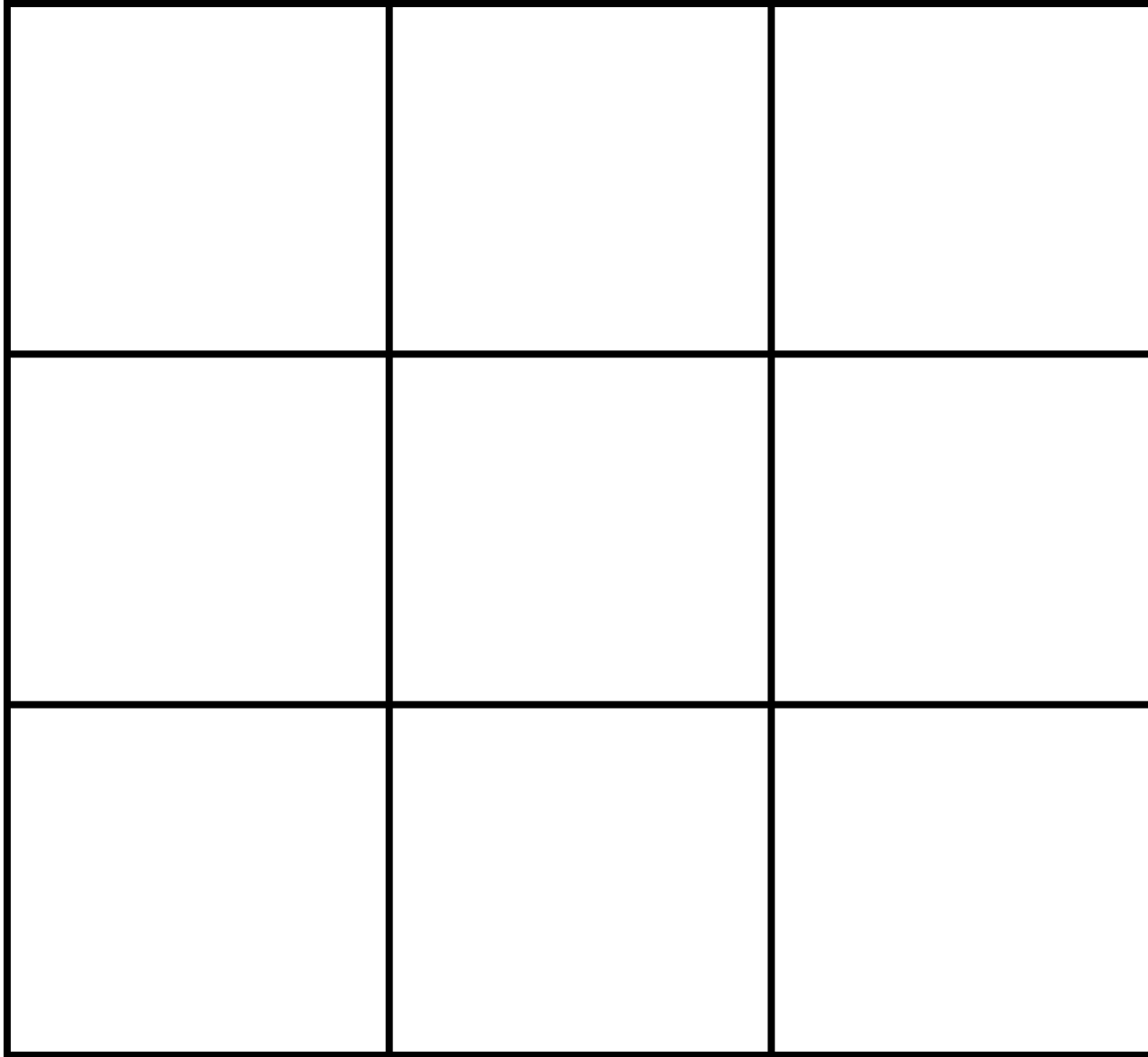
If a player finds a solution that is a multiple of a number that the other player has already put on the board, he/she can erase the answer in the other player's color and replace it with his/her own or write it in a free space. For example, if a player finds a solution of 12 and another player already has a 4 on the board, he/she can erase the 4 in the other player's color and replace it with 12 in her own color or write the 12 in an open square.

To win: First player to get 3 in a row in any direction wins that round. Keep track of how many rounds each player has won on a white board. First player to win 3 out of 5 rounds wins.

Note: Cards are printed on front and back, so once you go through the stack on one side, you can turn it over and play the other sides.

Printing: 2-sided, landscape, flip on short side, black and white

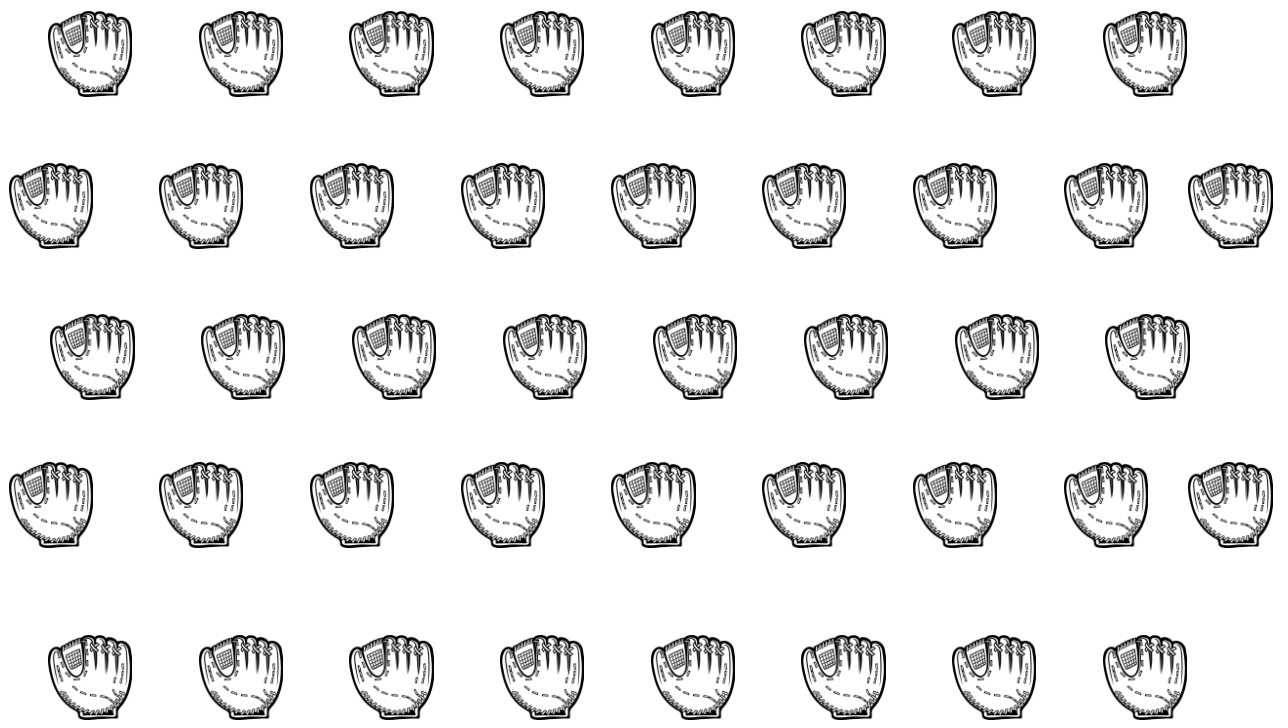
Three In A Row



Unit: 3rd – Deeper into Multiplication & Division Lesson: 3.4.H - Representing Division Three-in-a-Row

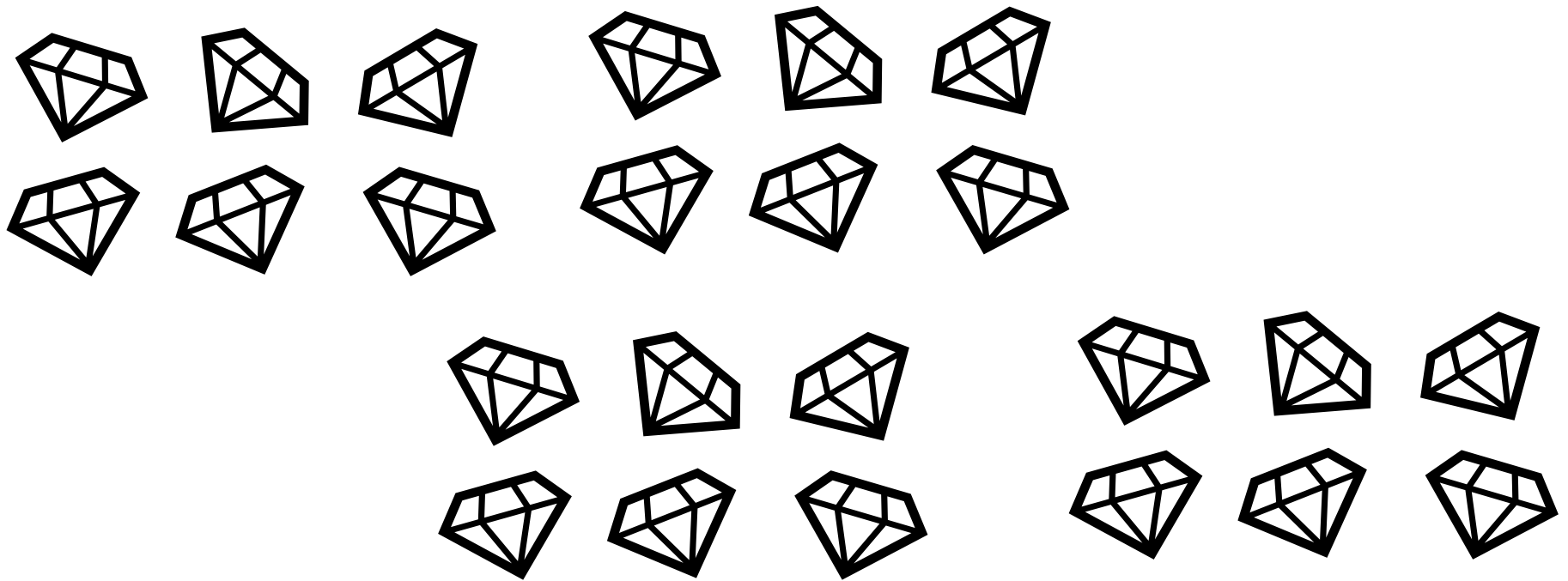
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1. Daria has 42 baseball gloves in her store.



She will put these gloves on 7 shelves. She will put the same number of gloves on each shelf. How many gloves will Daria put on each shelf?

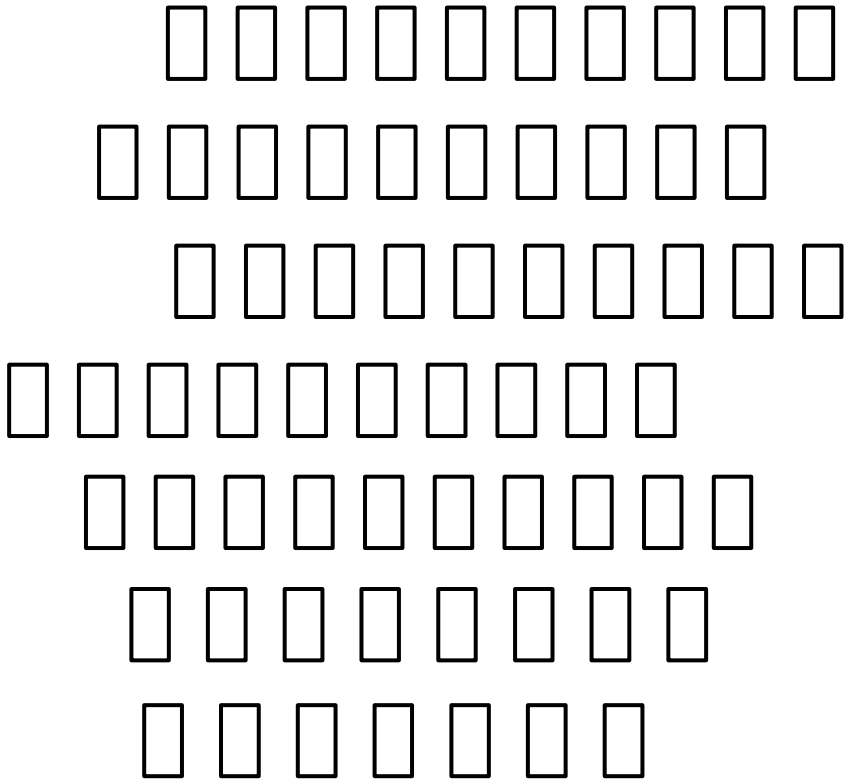
2. Peg-Leg Pete, the fearsome pirate, found 24 diamonds when he captured the Queen of Hasmuchia's ship. Pete is going to put the diamonds into 4 treasure chests.



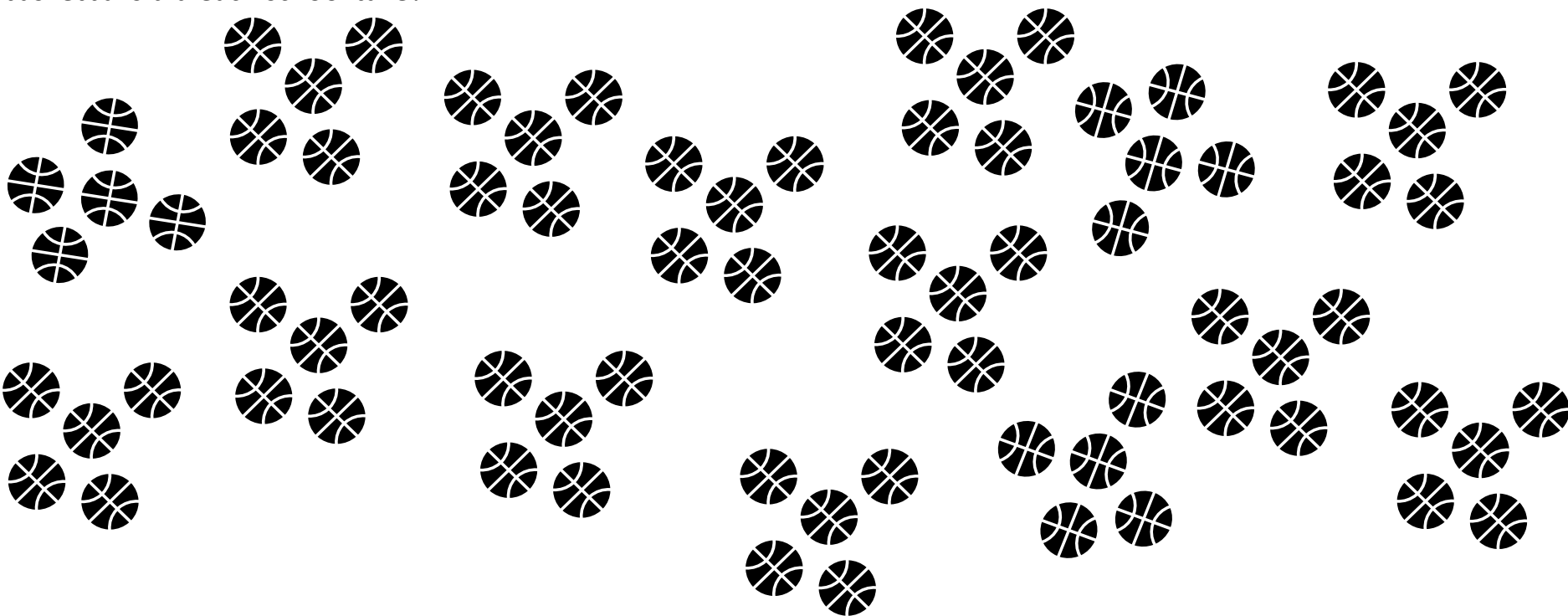
He plans to put the same number of diamonds in each chest. How many diamonds will Peg-Leg Pete put in each treasure chest?

3. In math class 13 students split up 65 cards to practice their math facts. The picture shows the total number of flash cards. Each student took the same number of flash cards.

What is the number of flash cards each student took?



4. In Waco ISD, 5 schools split up 75 new basketballs. Each school took the same number of basketballs. How many new basketballs did each school take?



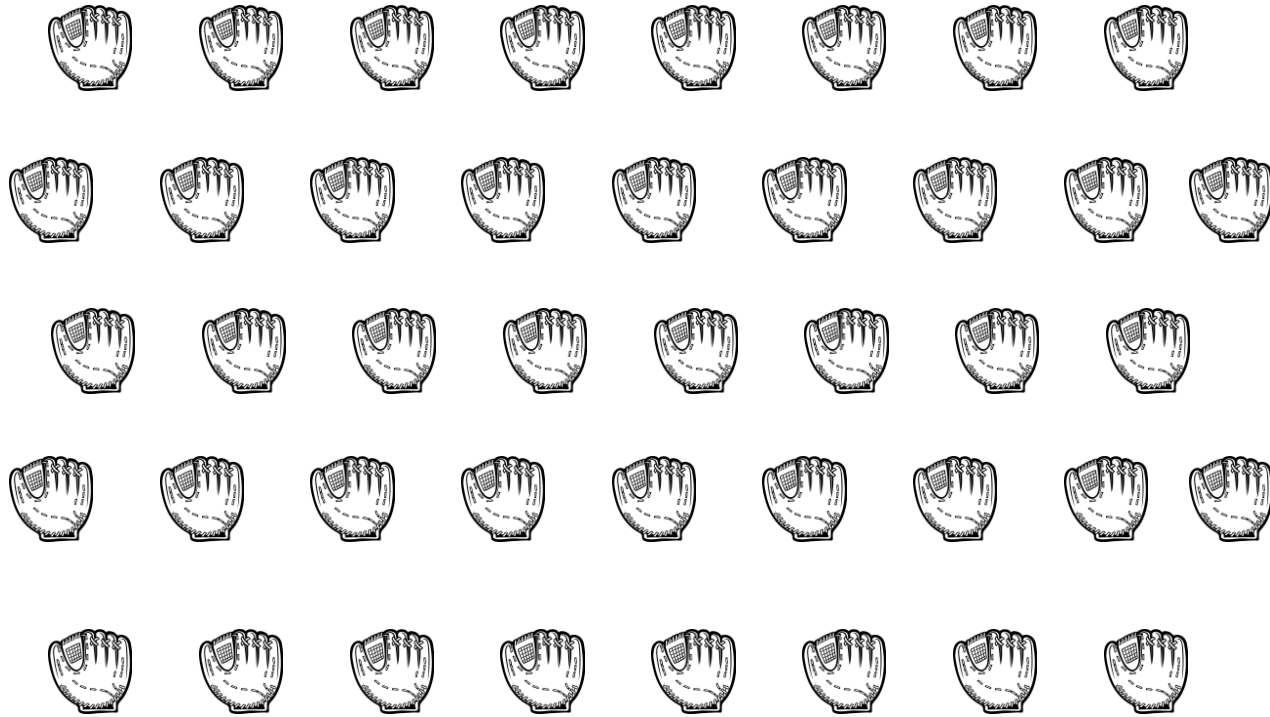
5. Draw a picture or model that represents how to solve the problem shown below?

$$16 \div 8 = ?$$

6. Draw a picture or model that represents how to solve the problem shown below?

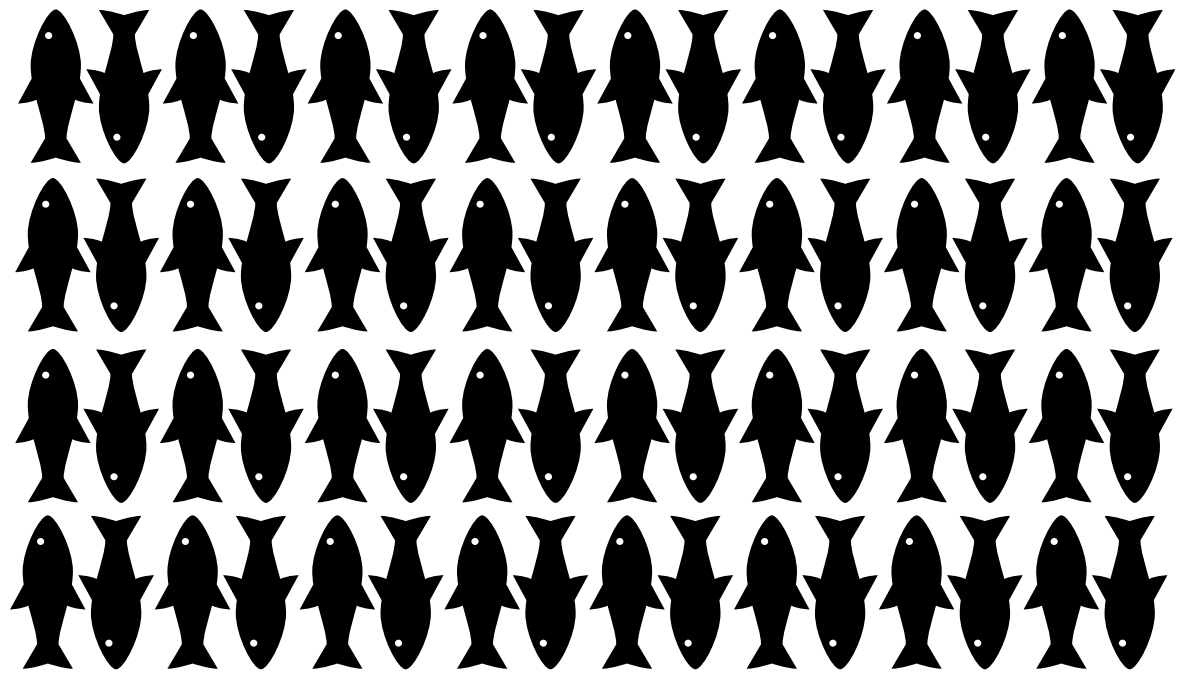
$$20 \div 4 = ?$$

7. Daria has 42 baseball gloves in her store.



She will put these gloves on 6 shelves. She will put the same number of gloves on each shelf. How many gloves will Daria put on each shelf?

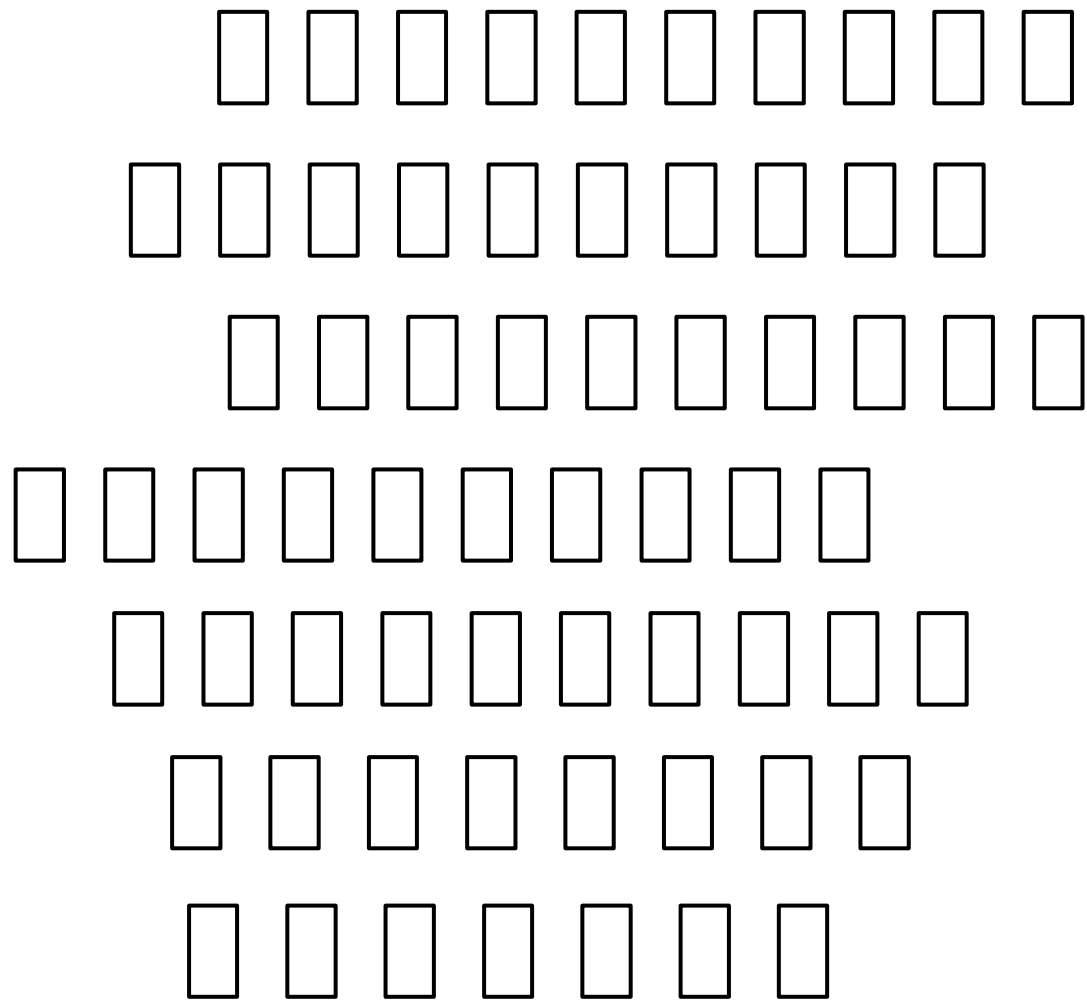
8. Sylvia the Sardine Chef has 64 delicious sardines! She decided to use them to make sardine and avocado salads.



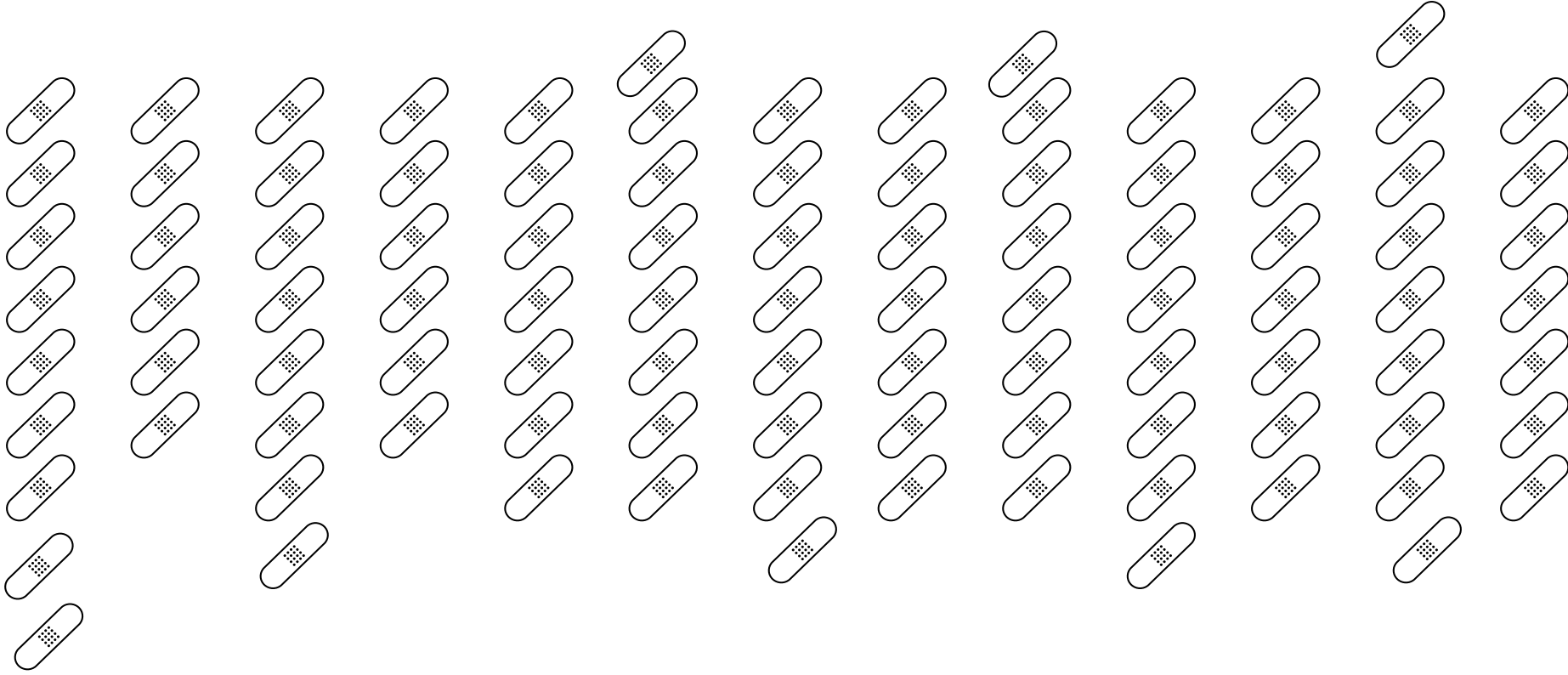
She will make 8 salads and put the same number of sardines in each salad. How many sardines will Sylvia put in each sardine and avocado salad?

9. In math class 5 students split up 65 cards to practice their math facts. The picture shows the total number of flash cards. Each student took the same number of flash cards.

What is the number of flash cards each student took?



10. Matilda has 98 band-aids. She plans to put them in 7 first-aid kits. The band aids are shown in the picture. If Matilda puts the same number of band aids in each kit.



How many band aids will that be in each first-aid kit?

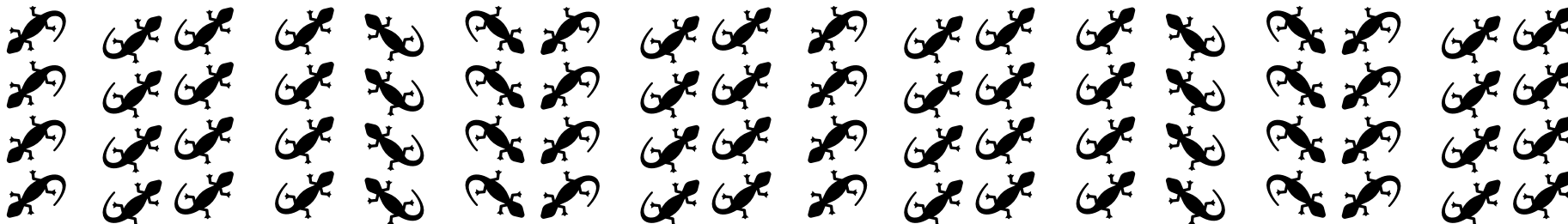
11. Draw a picture or model that represents how to solve the problem shown below?

$$18 \div 3 = ?$$

12. Draw a picture or model that represents how to solve the problem shown below?

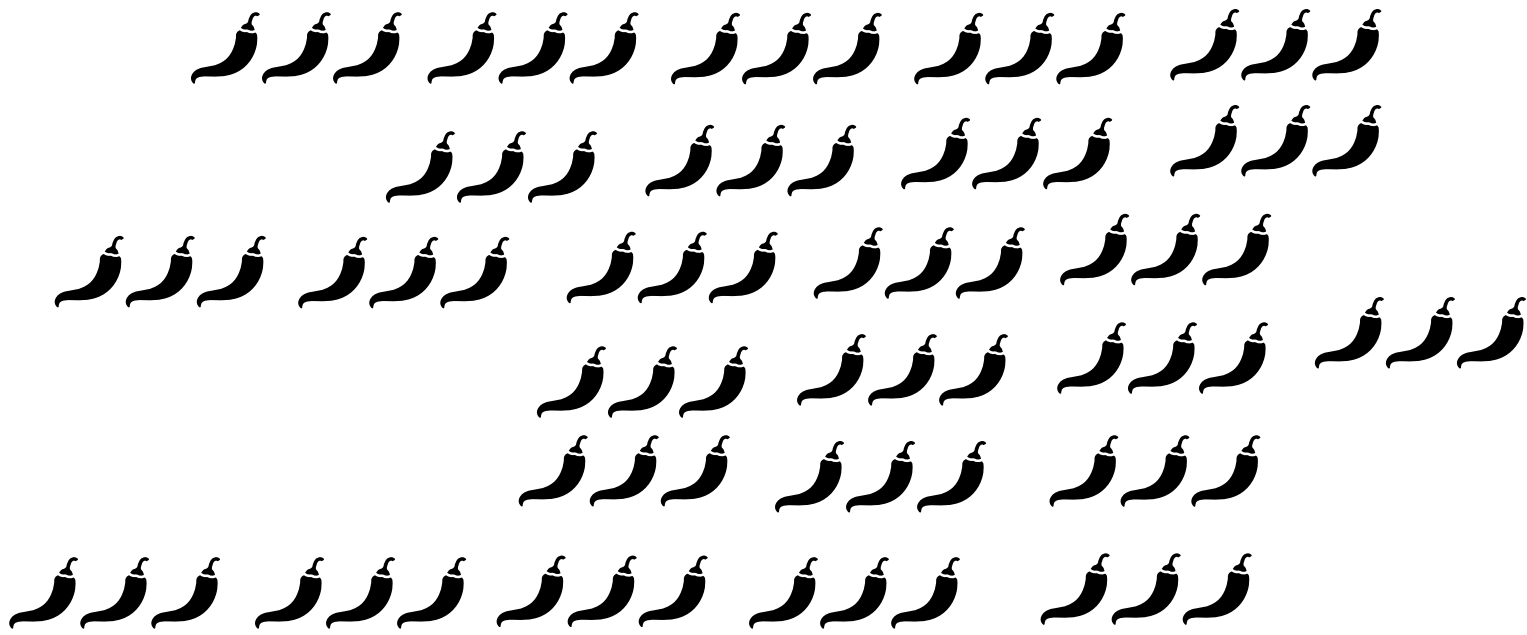
$$20 \div 5 = ?$$

13. Leonard the Lizard Rancher just rounded up 72 lizards. He will put them in 8 cages to take to the Lizard Rodeo.



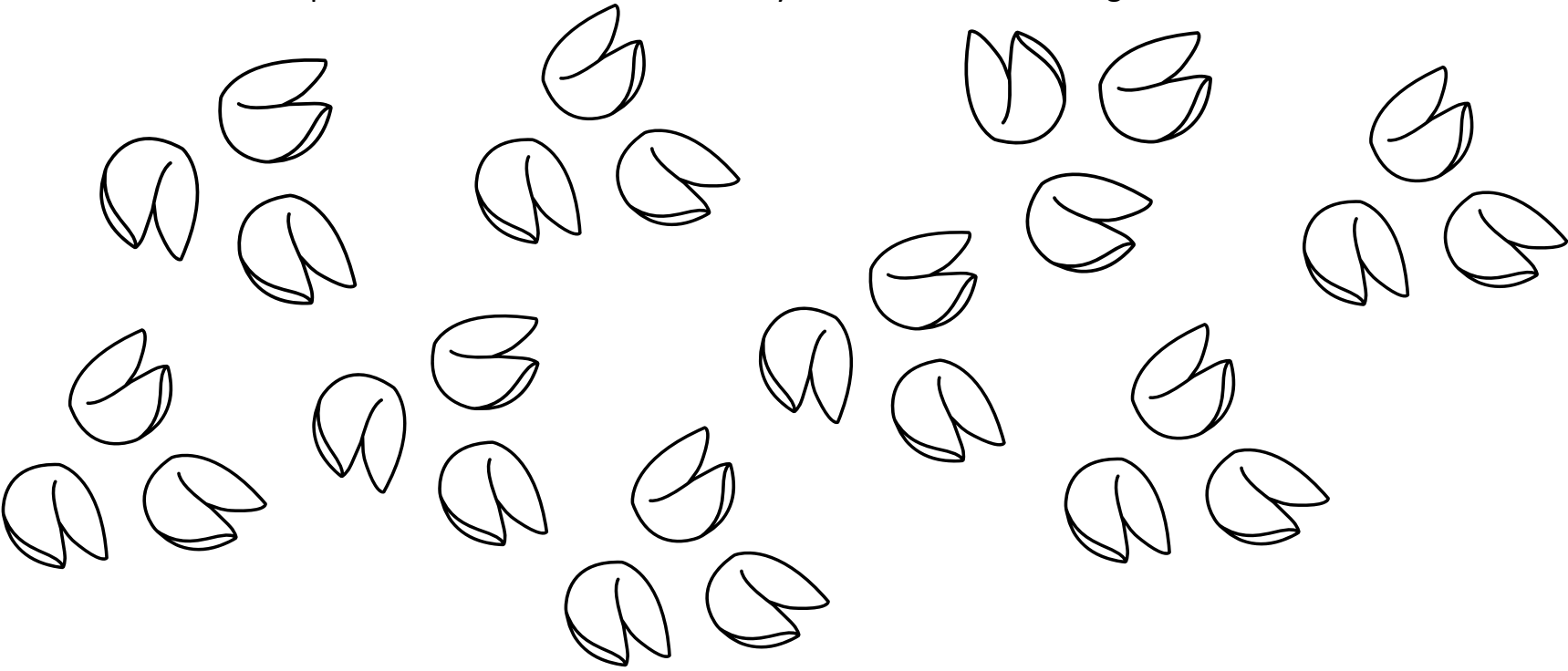
He will put the same number of lizards in each cage. How many lizards will Leonard put in each cage?

14. Griselda has 78 peppers. She is making jars of Super Hot Salsa. She needs 13 peppers for each jar of salsa.



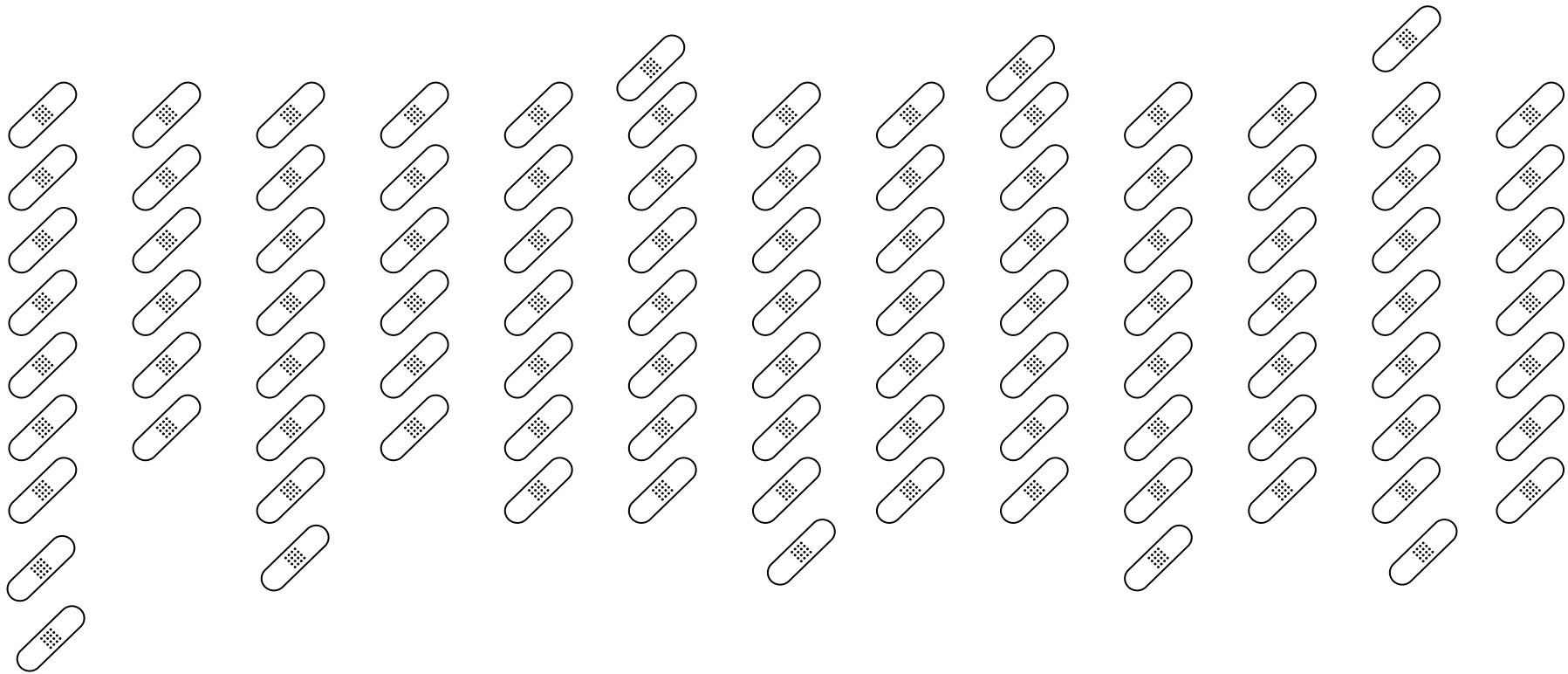
How many jars of salsa can she make with the peppers she has?

15. It is a little-known fact that pandas love fortune cookies. Polly the Panda Trainer bought 27 fortune cookies for her 9 pandas.



She will give the same number of fortune cookies to each panda. How many fortune cookies will Polly give to each Panda?

16. Matilda has 98 band-aids. She plans to put them in 14 first-aid kits. The band aids are shown in the picture. If Matilda puts the same number of band aids in each kit. How many band aids will that be in each first-aid kit?



How many band aids will that be in each first-aid kit?

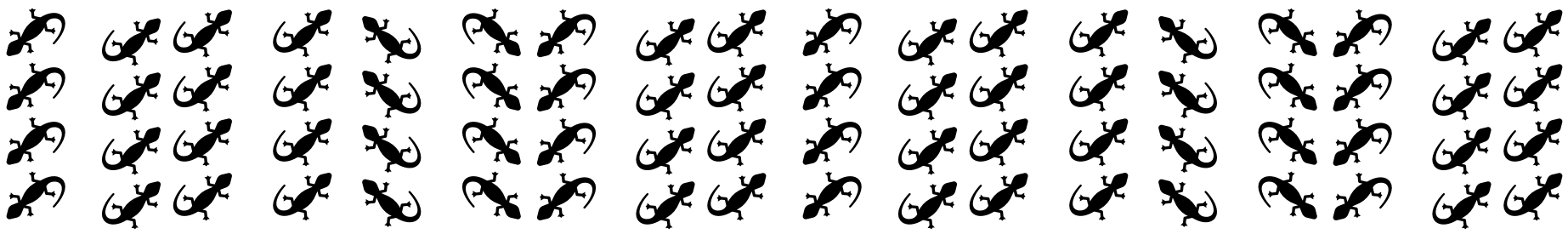
17. Draw a picture or model that represents how to solve the problem shown below?

$$21 \div 7 = ?$$

18. Draw a picture or model that represents how to solve the problem shown below?

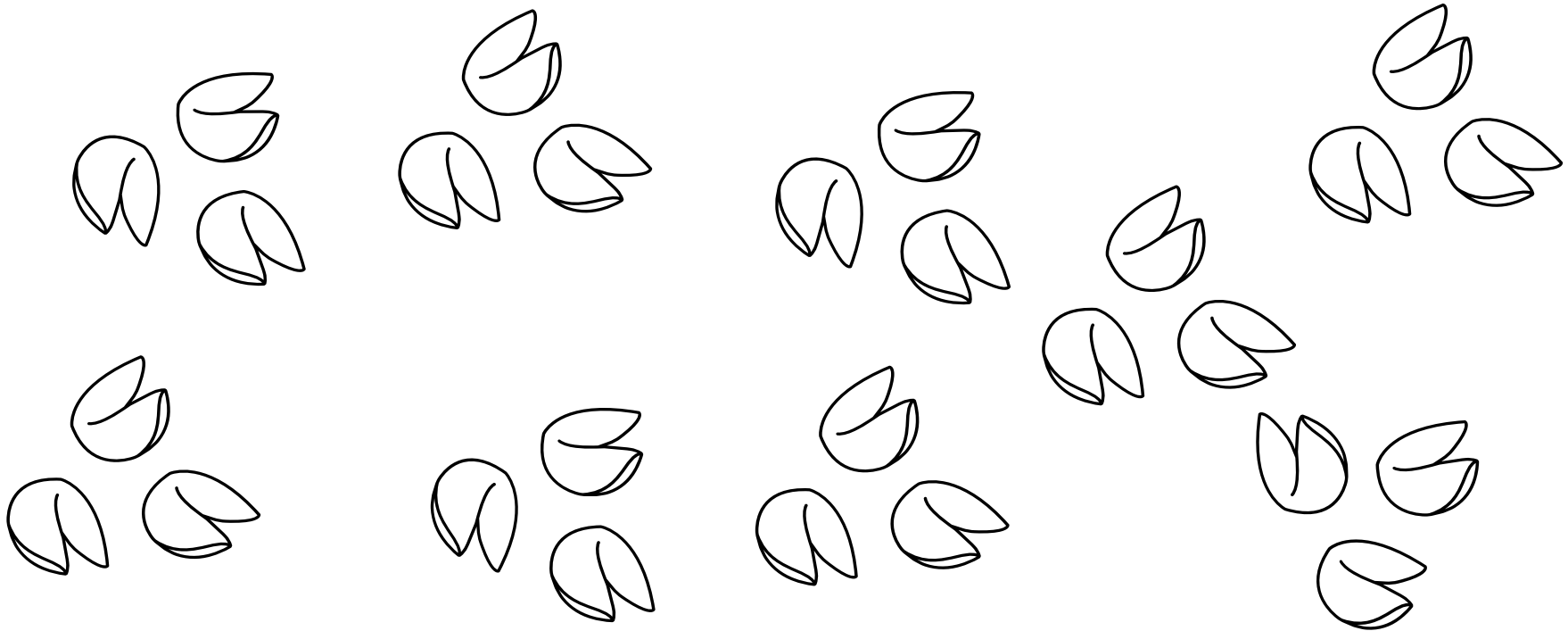
$$32 \div 4 = ?$$

19. Leonard the Lizard Rancher just rounded up 72 lizards. He will put them in 9 cages to take to the Lizard Rodeo.



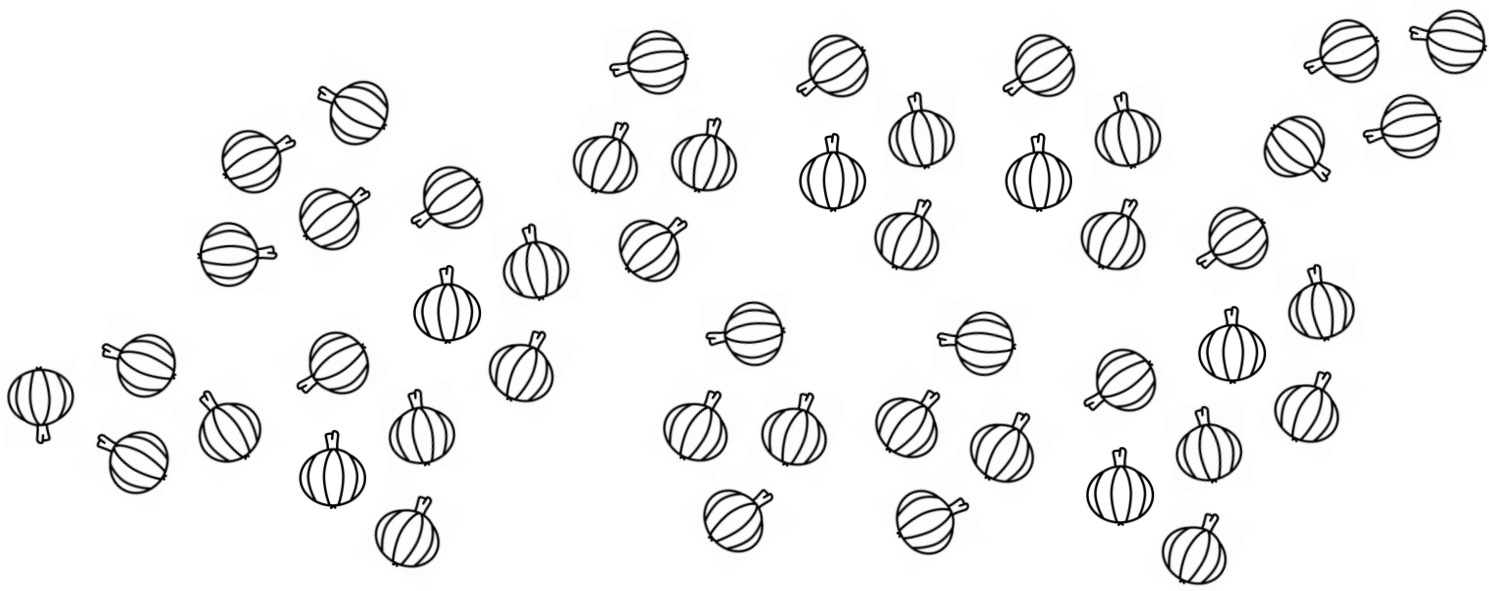
He will put the same number of lizards in each cage. How many lizards will Leonard put in each cage?

20. It is a little-known fact that pandas love fortune cookies. Polly the Panda Trainer bought 27 fortune cookies for her 3 pandas.



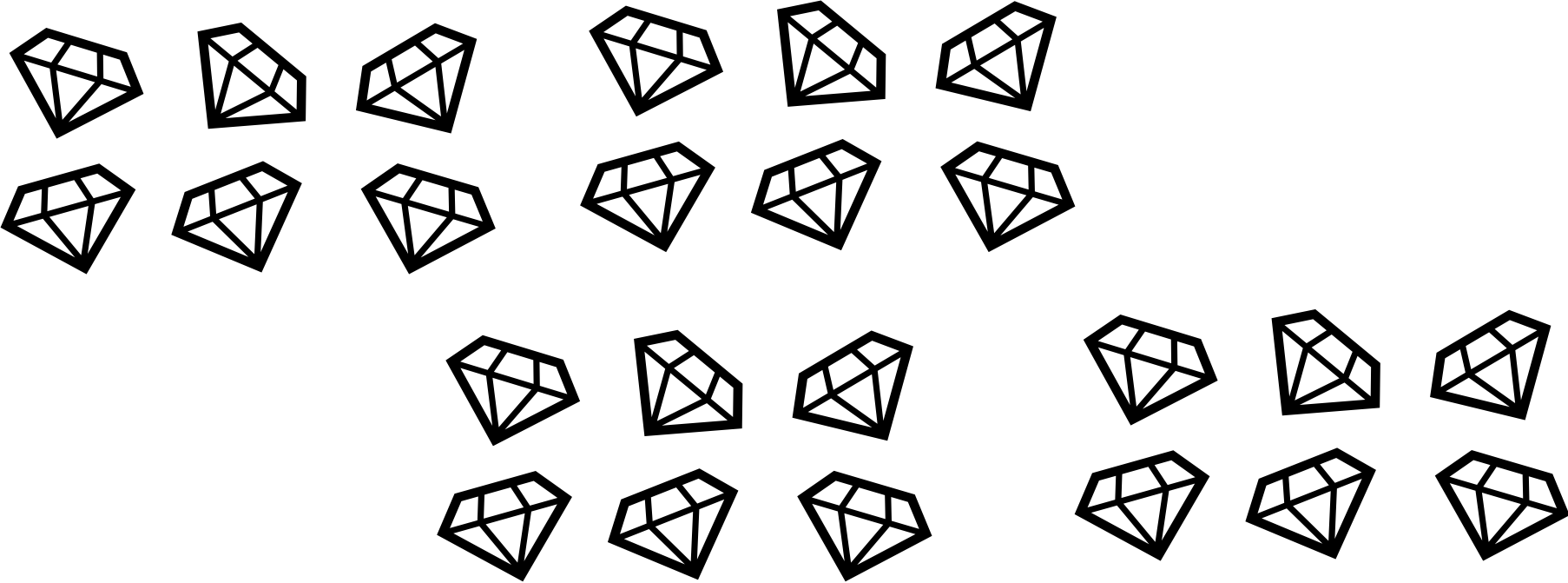
She will give the same number of fortune cookies to each panda. How many fortune cookies will Polly give to each Panda?

21. Stinky Stan has 48 raw onions. He wants to split up the onions and put them in 12 bags to eat for snacks throughout the next 12 days so his breath will be nice and stinky! The picture shows all the onions.



If Stan puts the same number of onions in each bag, how many onions will that be in each?

22. Peg-Leg Pete, the fearsome pirate, found 24 diamonds when he captured the Queen of Hasmuchia's ship. Pete is going to put the diamonds into 6 treasure chests.



He plans to put the same number of diamonds in each chest. How many diamonds will Peg-Leg Pete put in each treasure chest?

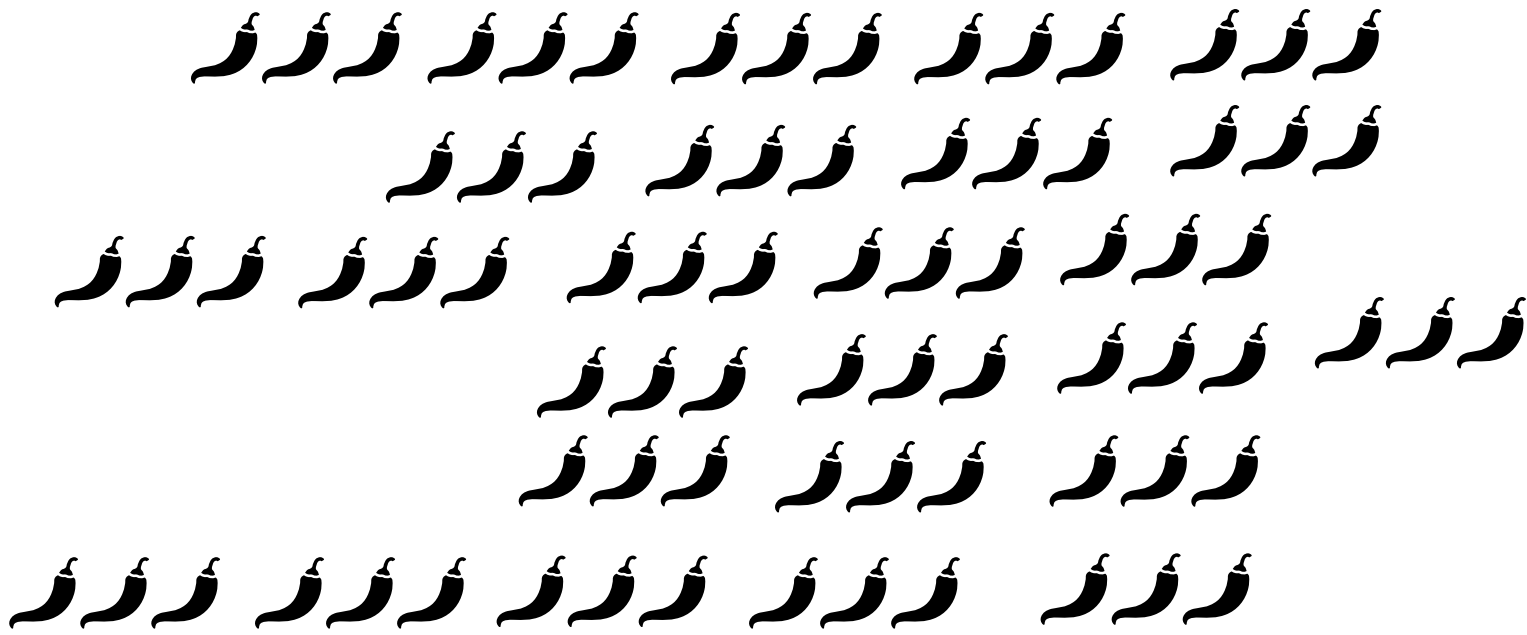
23. Draw a picture or model that represents how to solve the problem shown below?

$$24 \div 8 = ?$$

24. Draw a picture or model that represents how to solve the problem shown below?

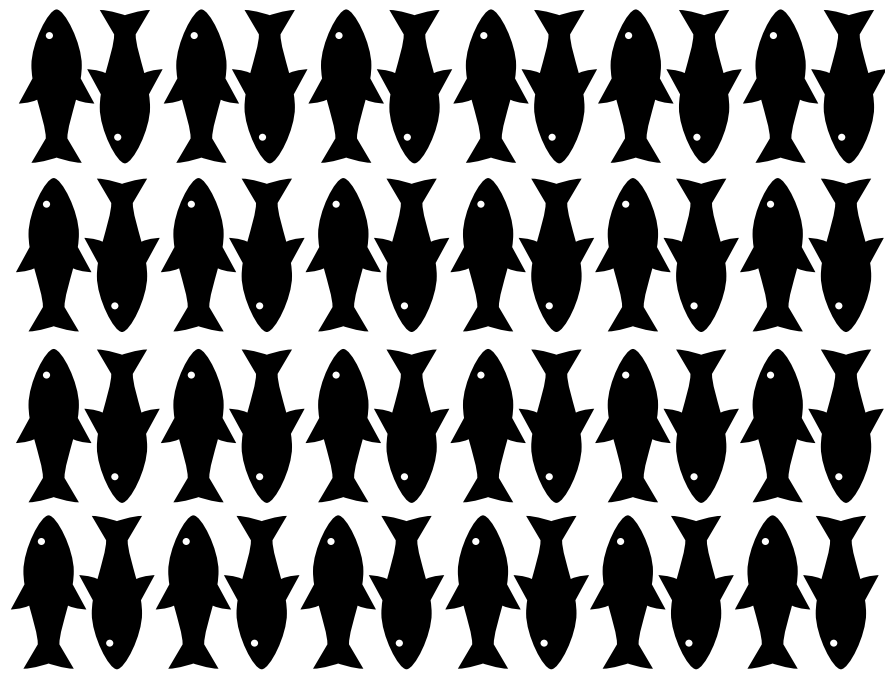
$$32 \div 8 = ?$$

25. Griselda has 78 peppers. She is making jars of salsa. She needs 6 peppers for each jar of salsa.



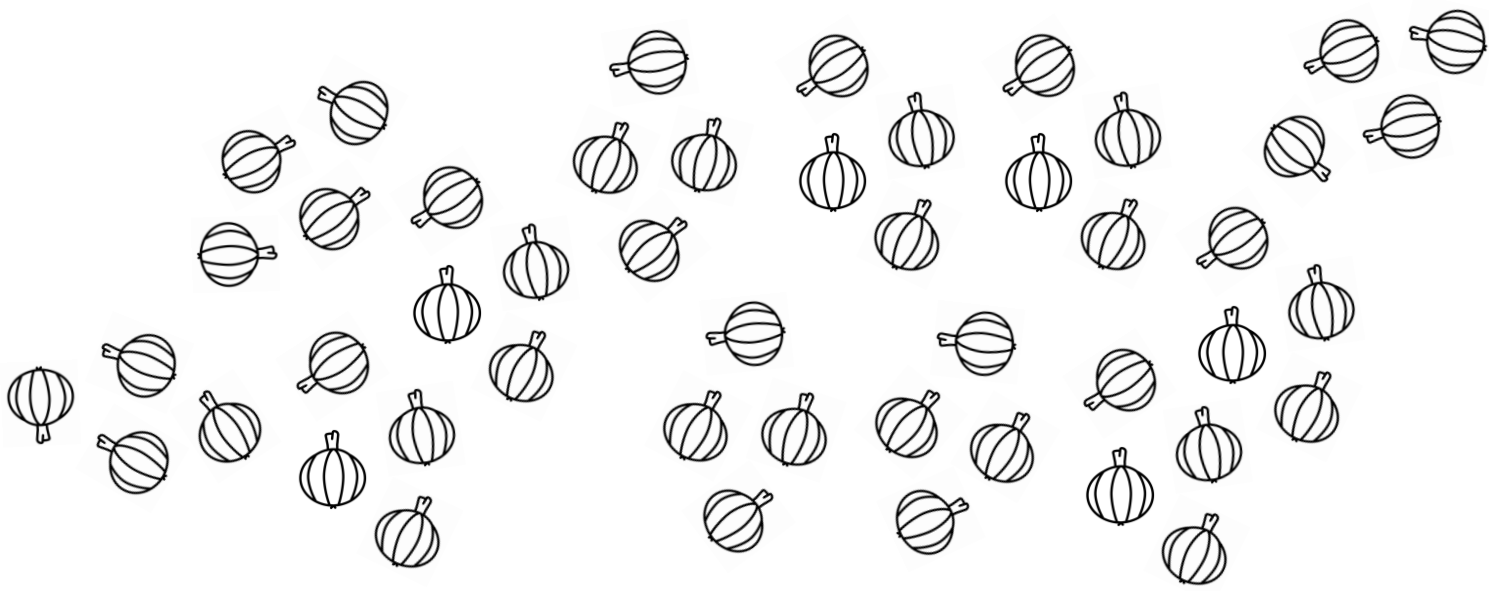
How many jars of salsa can she make with the peppers she has?

26. Sylvia the Sardine Chef has 48 delicious sardines! She decided to use them to make sardine and avocado salads.



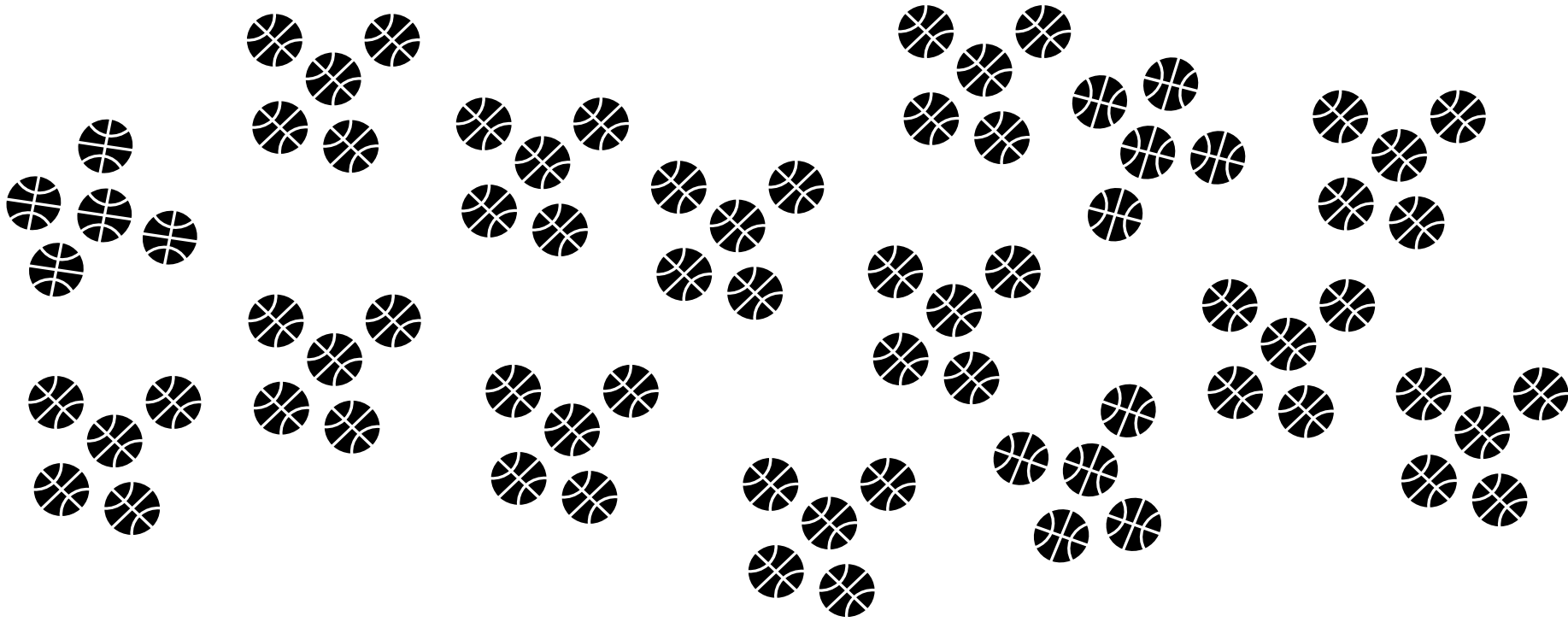
She will make 8 salads and put the same number of sardines in each salad. How many sardines will Sylvia put in each sardine and avocado salad?

27. Stinky Stan has 48 super stinky onions. He wants to split up the onions and put them in each of his 4 closets so all his clothes will be nice and stinky! The picture shows all the onions.



If Stan puts the same number of onions in each closet, how many onions will that be in each?

28. The Waco Summer Basketball League bought 75 new basketballs. The new basketballs are shown in the picture. There are 15 teams in the league and each team will get the same number of new basketballs.



How many new basketballs did each school will each team receive?

29. Draw a picture or model that represents how to solve the problem shown below?

$$15 \div 3 = ?$$

30. Draw a picture or model that represents how to solve the problem shown below?

$$28 \div 7 = ?$$