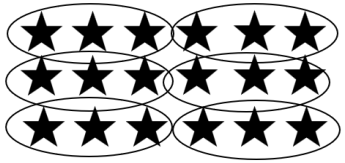
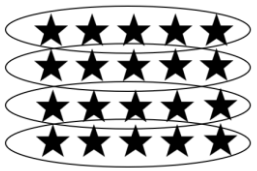
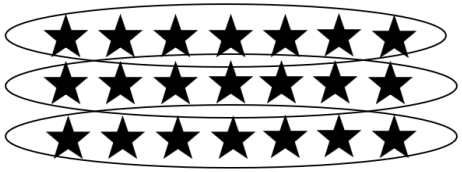
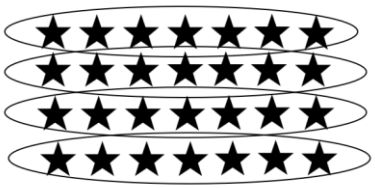
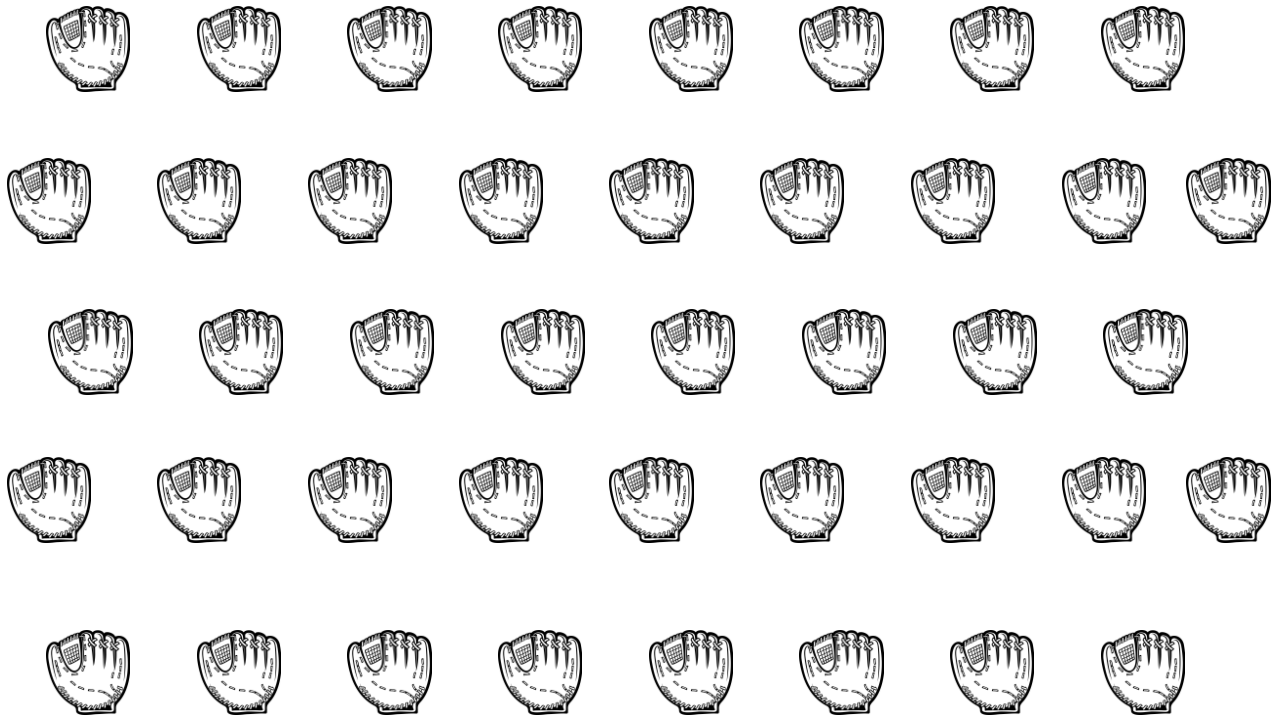
3.4.H - Representing Division Problem Set: 1

1. C	**2.** A	**3.** B	**4.** A	**5.** 16 ÷ 8 = ? 	**6.** 20 ÷ 4 = ? 
7. D	**8.** A	**9.** A	**10.** C	**11.** 18 ÷ 3 = ? 	**12.** 20 ÷ 5 = ? 
13. A	**14.** C	**15.** B	**16.** B	**17.** 21 ÷ 7 = ? 	**18.** 32 ÷ 4 = ? 
19. C	**20.** D	**21.** D	**22.** C	**23.** 24 ÷ 8 = ? 	**24.** 32 ÷ 8 = ? 
25. C	**26.** A	**27.** B	**28.** A	**29.** 15 ÷ 3 = ? 	**30.** 28 ÷ 7 = ? 

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?

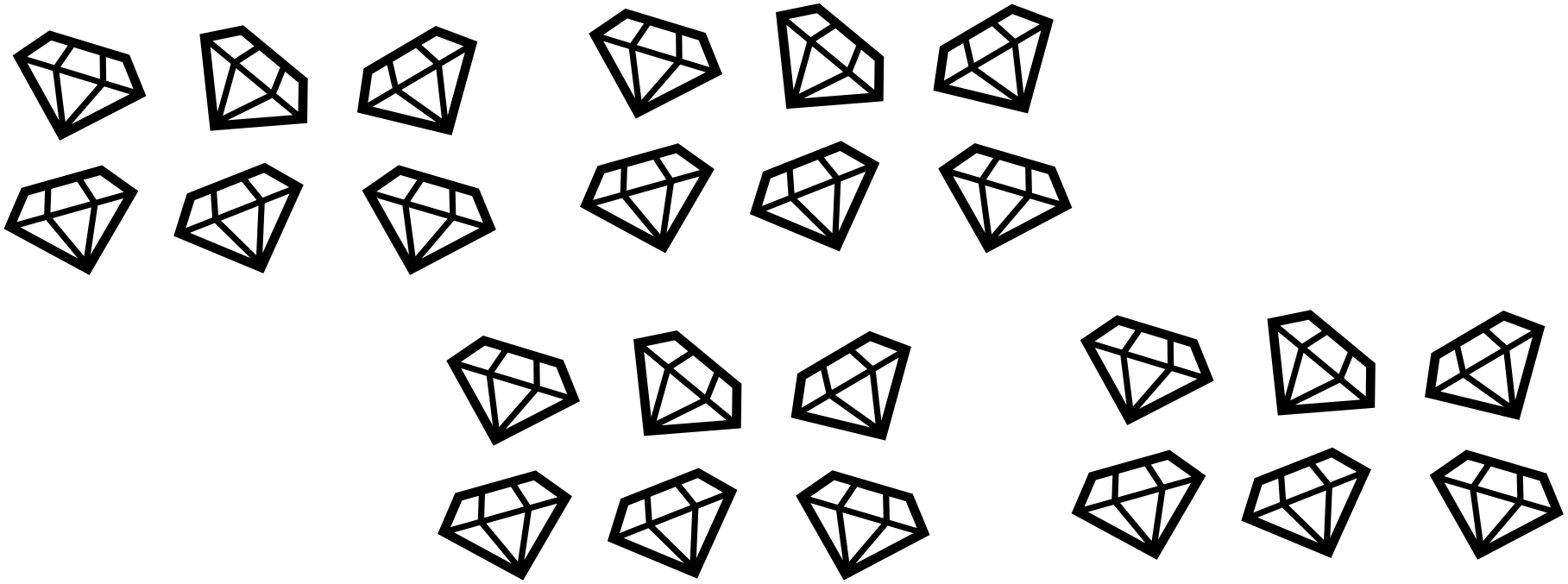
A. 8, because 42 ÷ 7 = 8

B. 9, because 42 ÷ 7 = 9

C. 6, because 42 ÷ 7 = 6

D. 7, because 42 ÷ 7 = 7

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?

A. 6, because 24 ÷ 4 = 6

B. 5, because 24 ÷ 4 = 5

C. 4, because 24 ÷ 4 = 4

D. 3, because 24 ÷ 4 = 3

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.

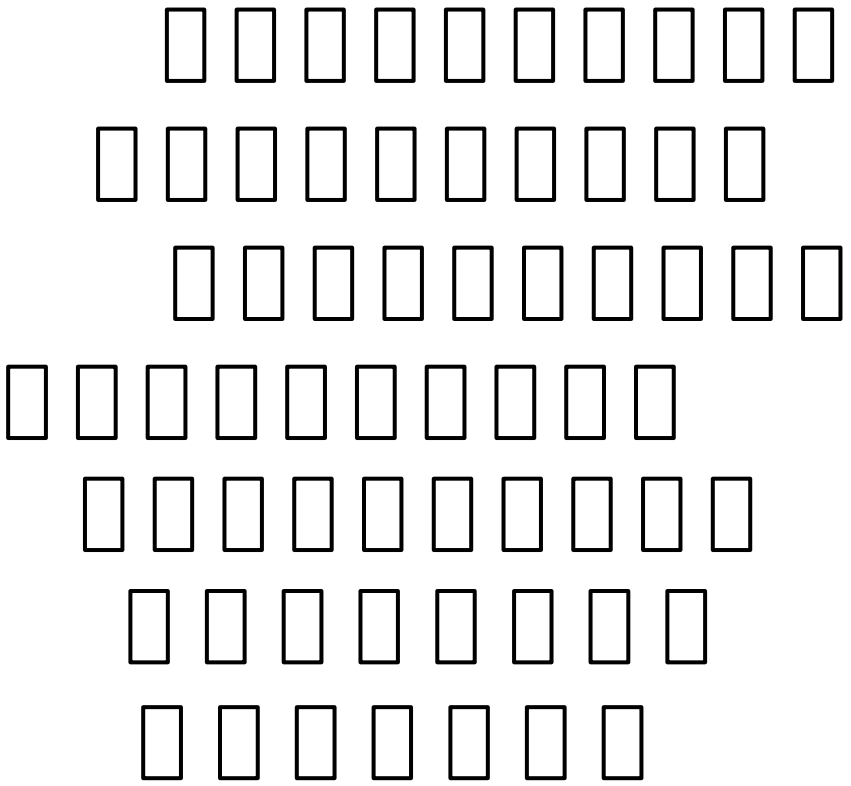
What is the number of flash cards each student took?

A. 4

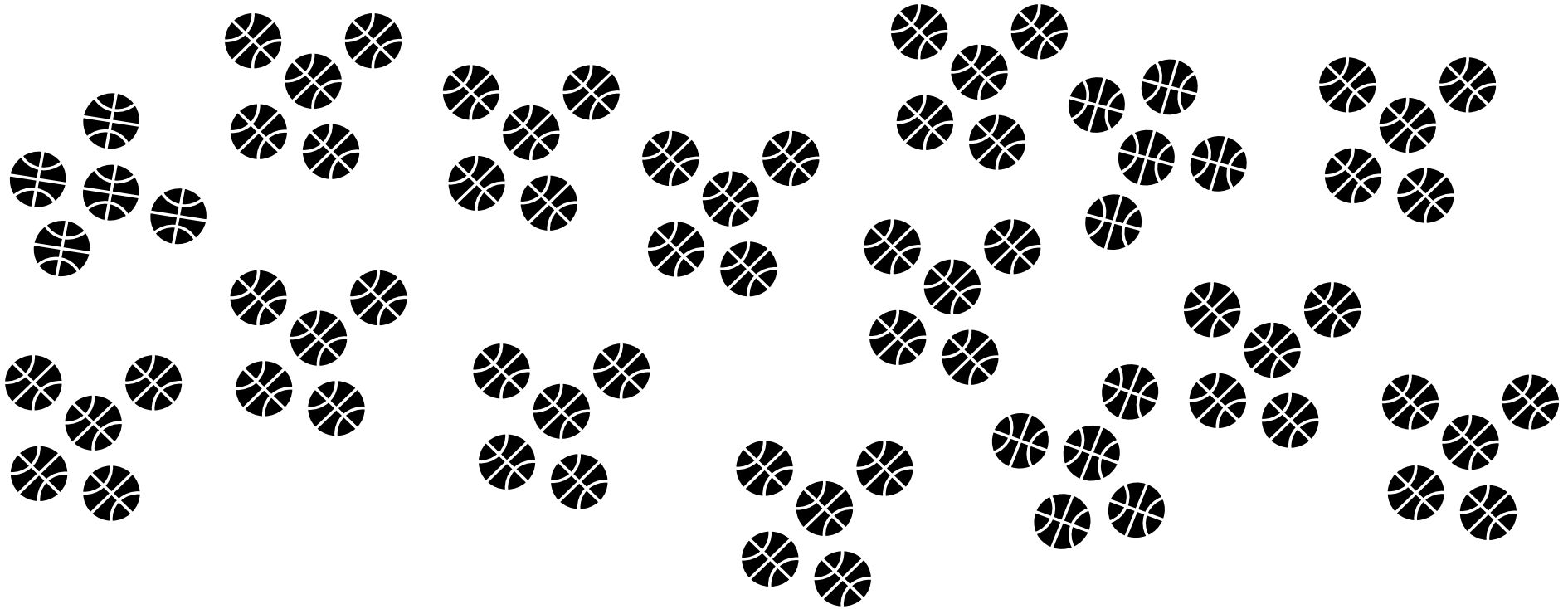
B. 5

C. 6

D. 7



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?



A. 15

B. 20

C. 25

D. 30

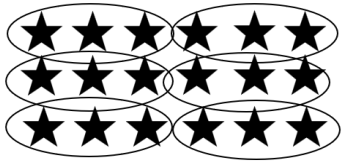
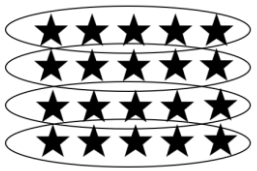
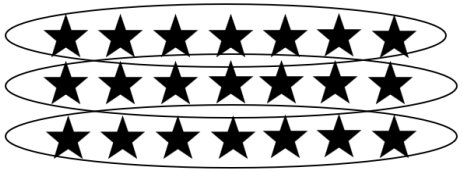
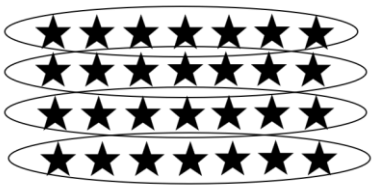
5. Draw a picture or model that represents how to solve the problem shown below?

16 ÷ 8 = ?

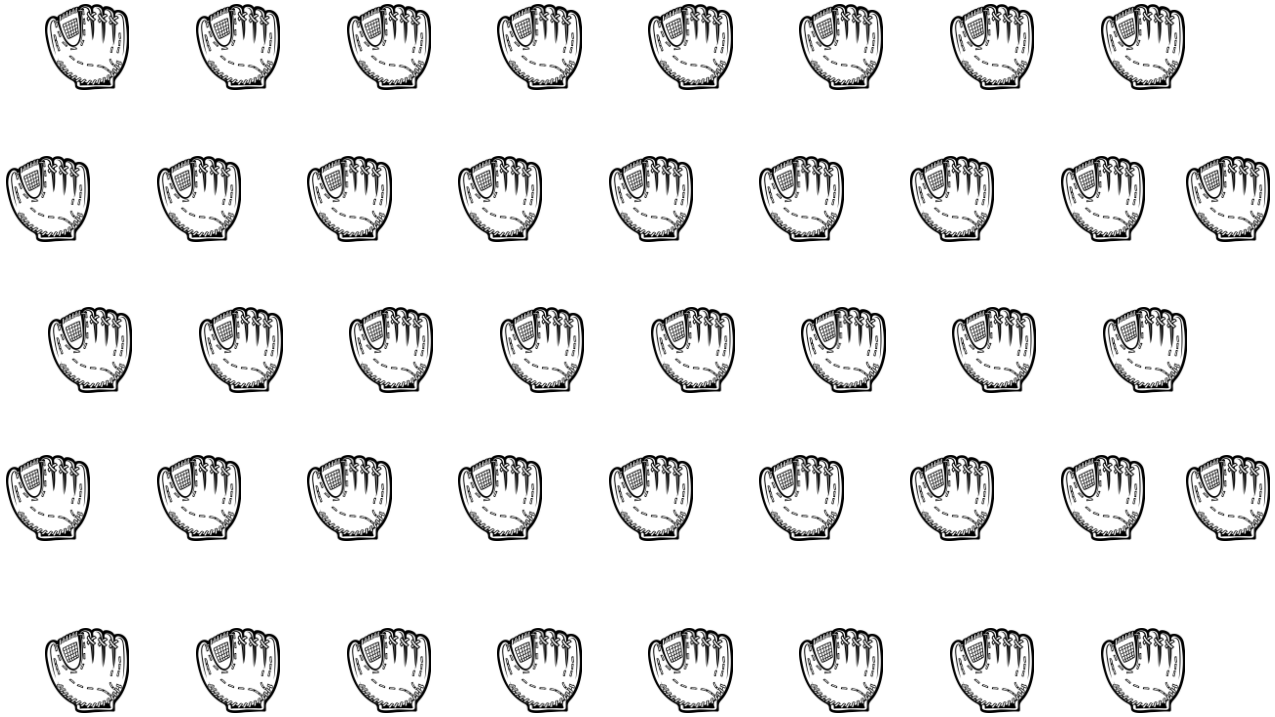
6. Draw a picture or model that represents how to solve the problem shown below?

20 ÷ 4 = ?

3.4.H - Representing Division Problem Set: 2

1. C	**2.** A	**3.** B	**4.** A	**5.** 16 ÷ 8 = ? 	**6.** 20 ÷ 4 = ? 
7. D	**8.** A	**9.** A	**10.** C	**11.** 18 ÷ 3 = ? 	**12.** 20 ÷ 5 = ? 
13. A	**14.** C	**15.** B	**16.** B	**17.** 21 ÷ 7 = ? 	**18.** 32 ÷ 4 = ? 
19. C	**20.** D	**21.** D	**22.** C	**23.** 24 ÷ 8 = ? 	**24.** 32 ÷ 8 = ? 
25. C	**26.** A	**27.** B	**28.** A	**29.** 15 ÷ 3 = ? 	**30.** 28 ÷ 7 = ? 

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?

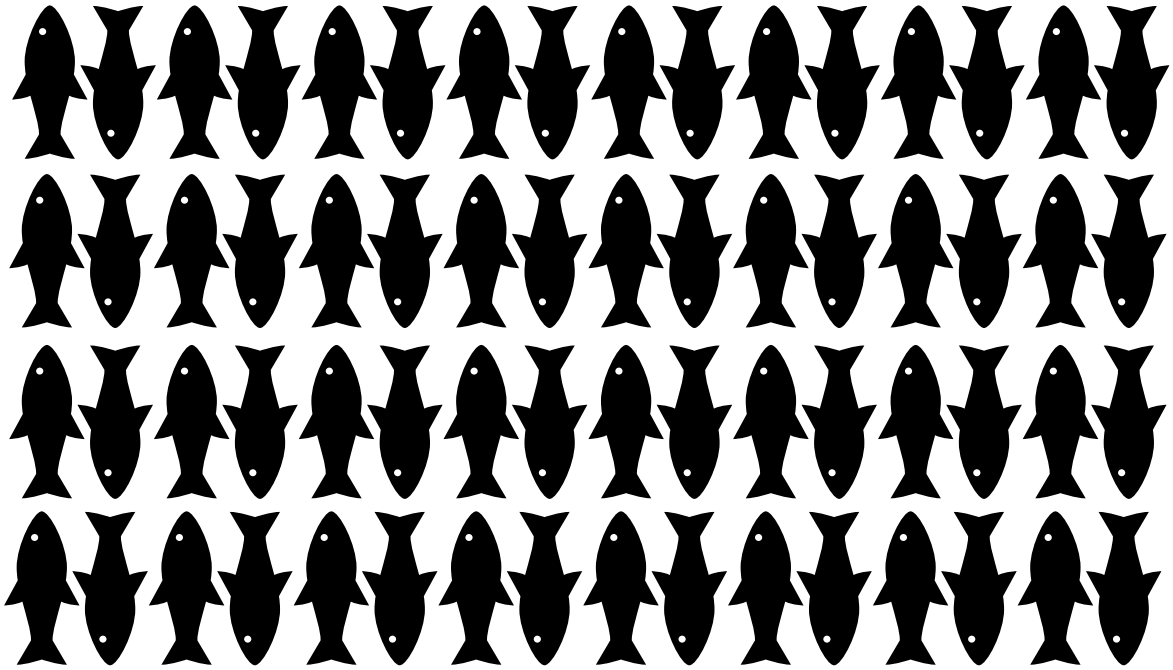
A. 8, because 42 ÷ 6 = 8

B. 9, because 42 ÷ 6 = 9

C. 6, because 42 ÷ 6 = 6

D. 7, because 42 ÷ 6 = 7

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?

A. 8, because 64 ÷ 8 = 8

B. 7, because 64 ÷ 8 = 7

C. 6, because 64 ÷ 8 = 6

D. 5, because 64 ÷ 8 = 5

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.

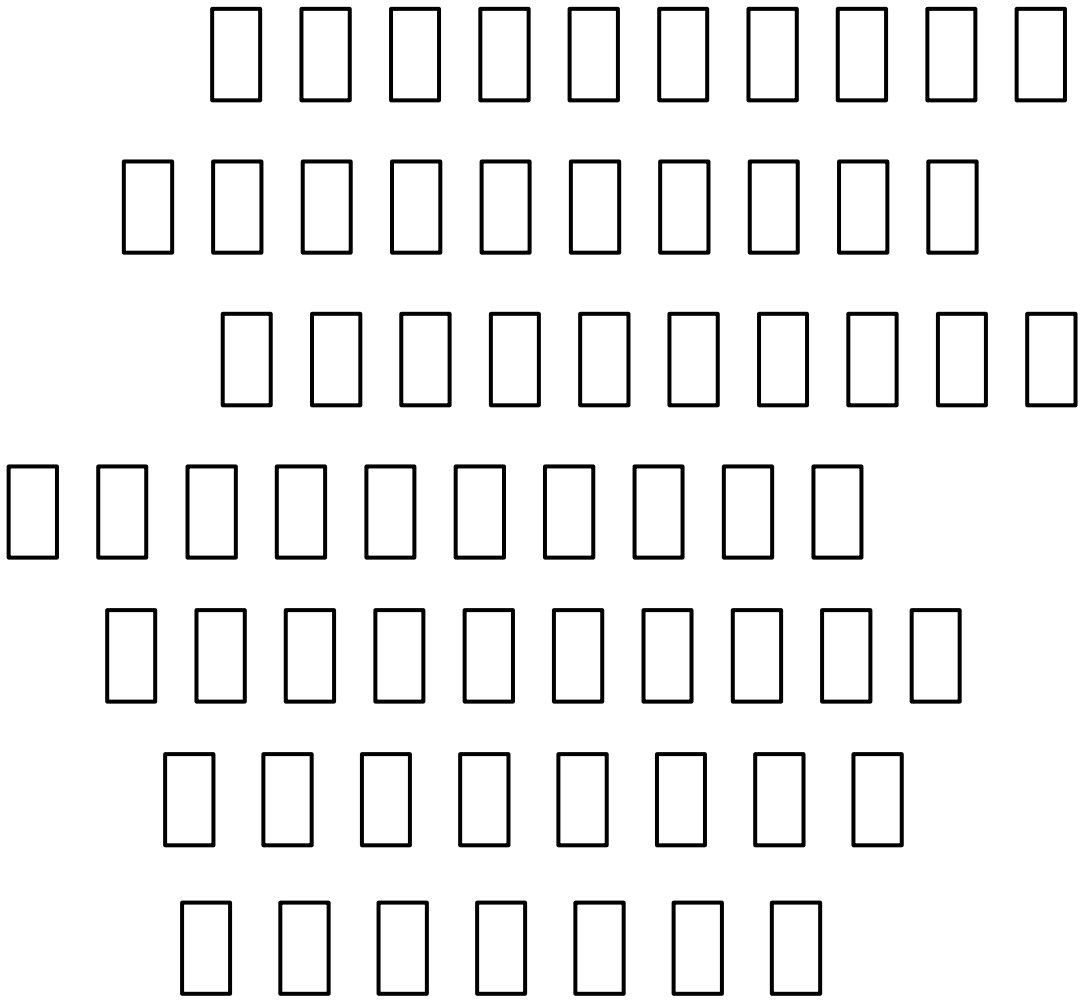
What is the number of flash cards each student took?

A. 13

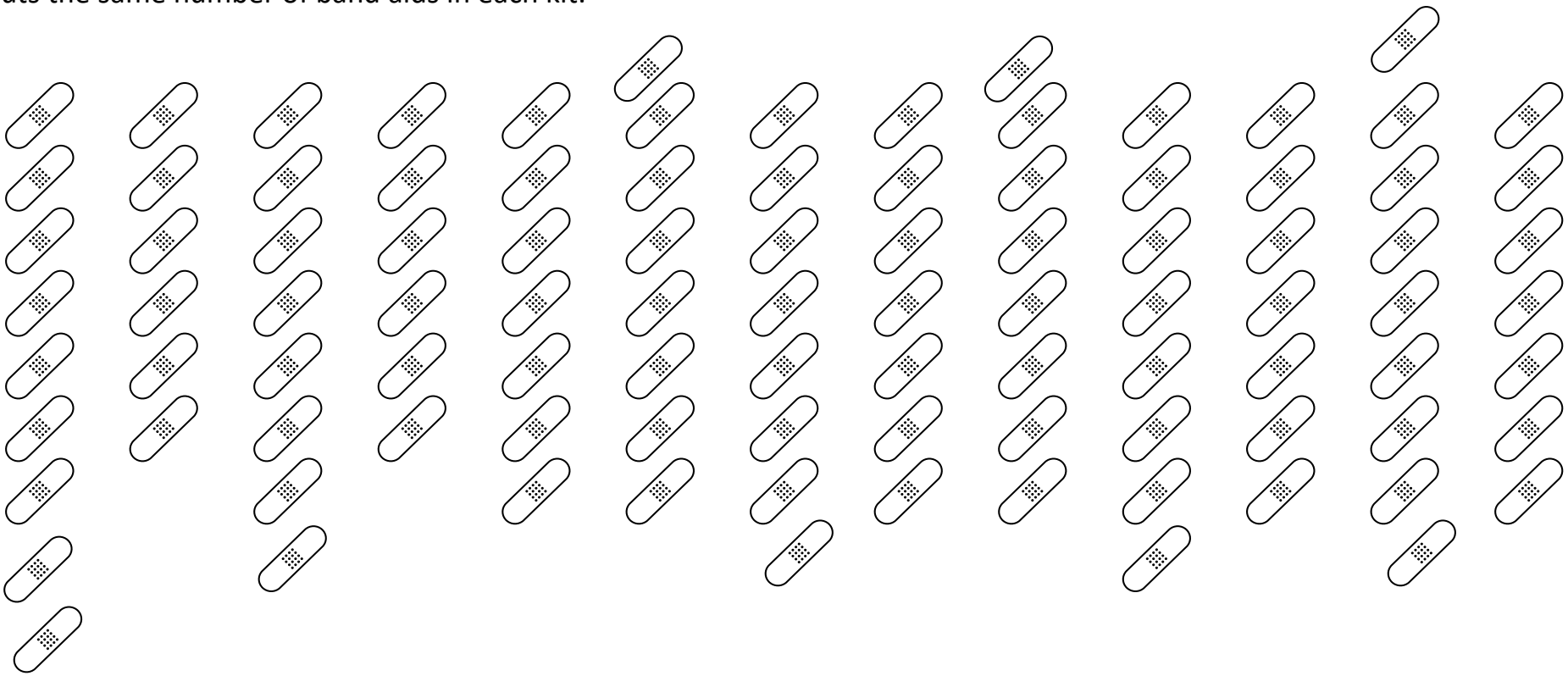
B. 15

C. 70

D. 60



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?

A. 10

B. 12

C. 14

D. 16

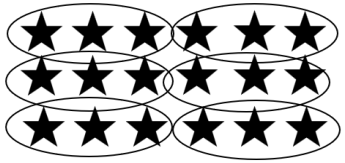
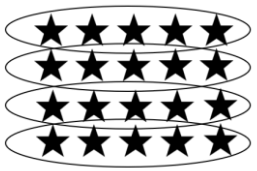
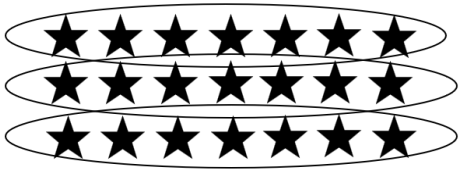
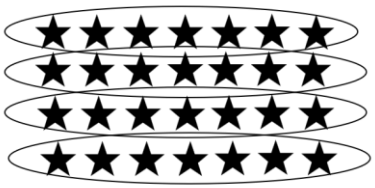
11. Draw a picture or model that represents how to solve the problem shown below?

18 ÷ 3 = ?

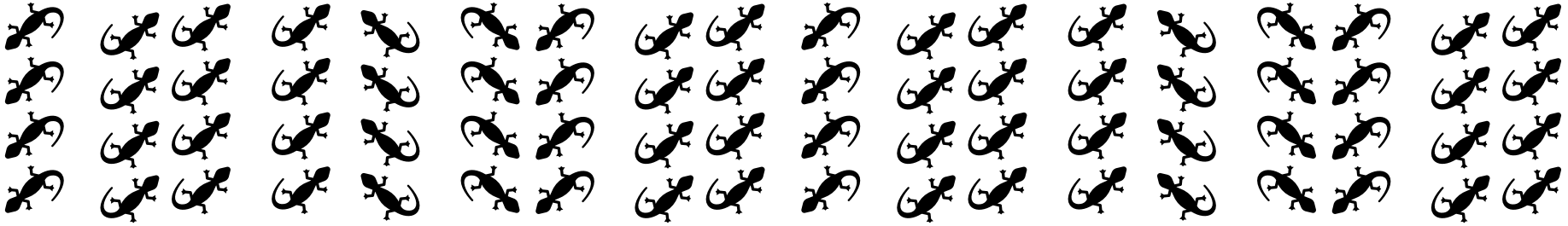
12. Draw a picture or model that represents how to solve the problem shown below?

20 ÷ 5 = ?

3.4.H - Representing Division Problem Set: 3

1. C	**2.** A	**3.** B	**4.** A	**5.** 16 ÷ 8 = ? 	**6.** 20 ÷ 4 = ? 
7. D	**8.** A	**9.** A	**10.** C	**11.** 18 ÷ 3 = ? 	**12.** 20 ÷ 5 = ? 
13. A	**14.** C	**15.** B	**16.** B	**17.** 21 ÷ 7 = ? 	**18.** 32 ÷ 4 = ? 
19. C	**20.** D	**21.** D	**22.** C	**23.** 24 ÷ 8 = ? 	**24.** 32 ÷ 8 = ? 
25. C	**26.** A	**27.** B	**28.** A	**29.** 15 ÷ 3 = ? 	**30.** 28 ÷ 7 = ? 

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?

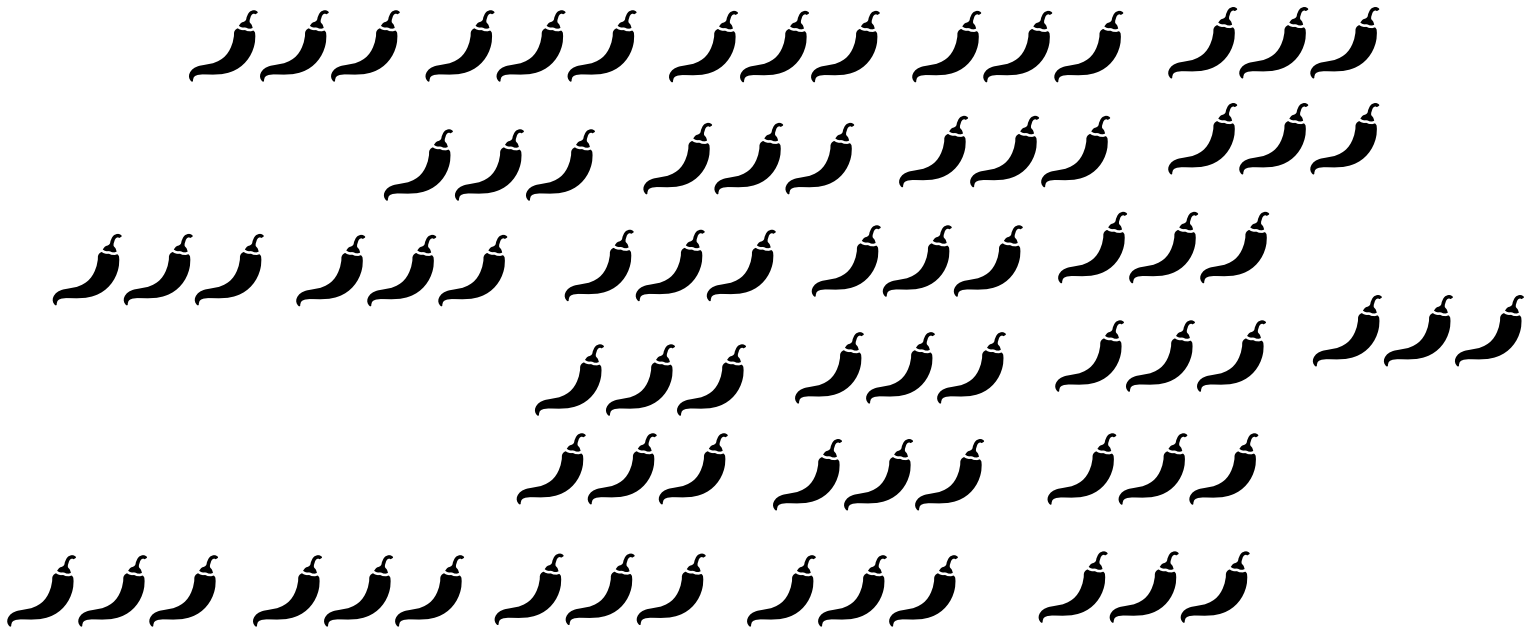
A. 9, because 72 ÷ 8 = 9

B. 7, because 72 ÷ 8 = 7

C. 9, because 72 ÷ 8 = 9

D. 576, because 72 X 8 = 576

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?

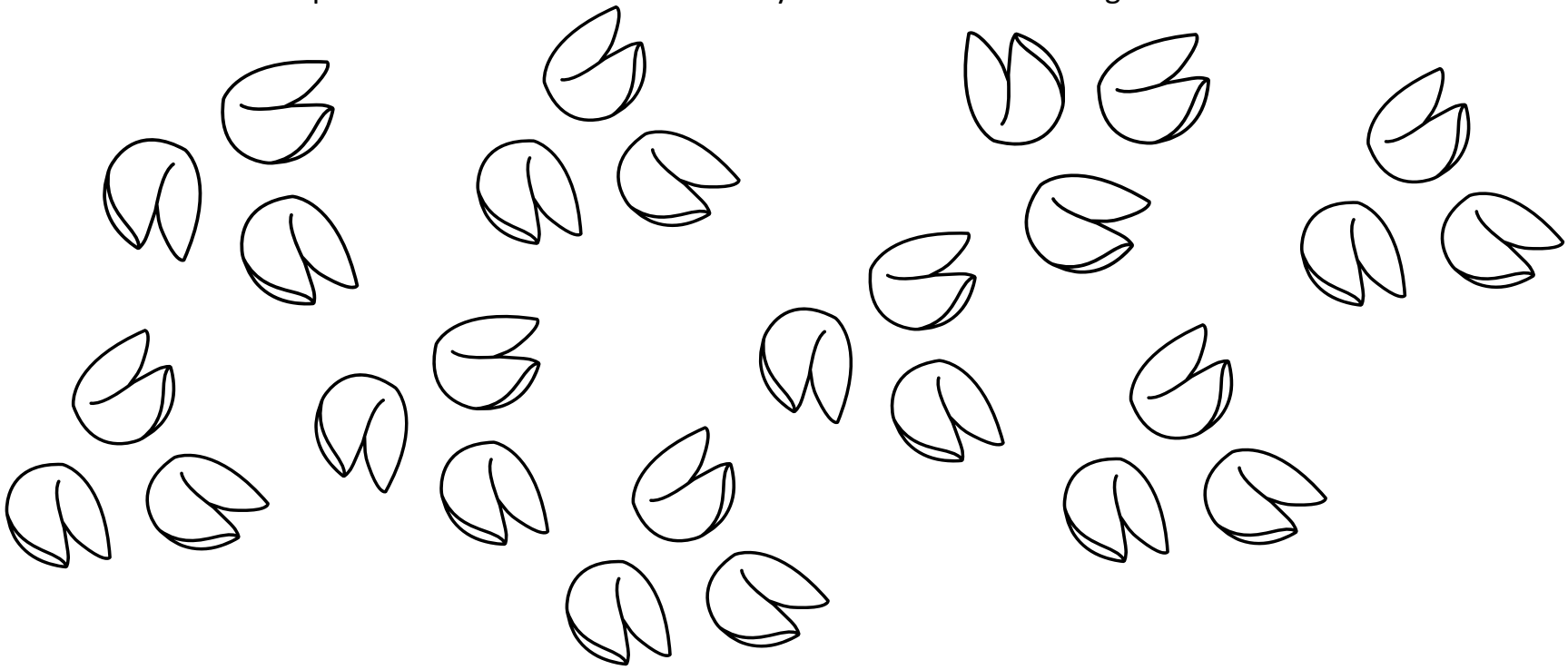
A. 3

B. 4

C. 6

D. 8

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?

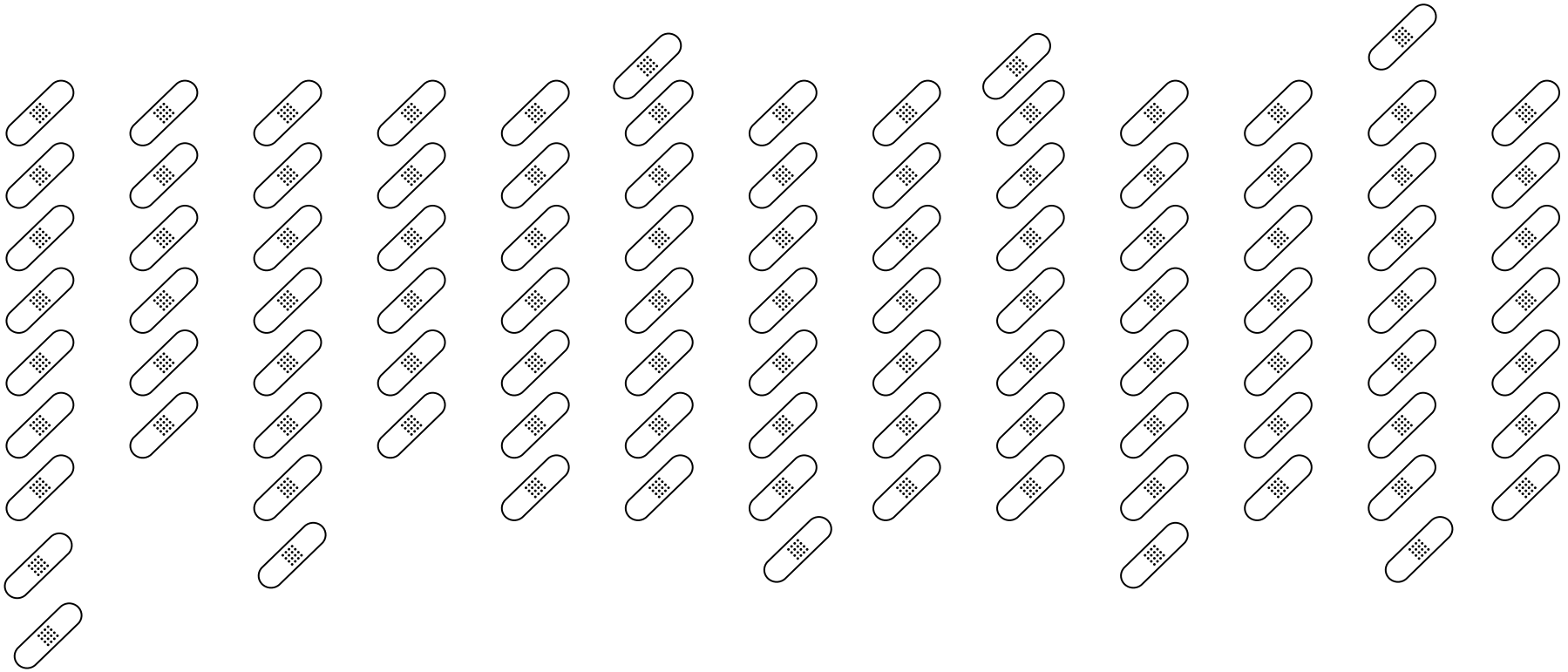
A. 2, because 27 ÷ 9 = 2

B. 3, because 27 ÷ 9 = 3

C. 4, because 27 ÷ 9 = 4

D. 5, because 27 ÷ 9 = 5

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?

A. 5

B. 7

C. 9

D. 11

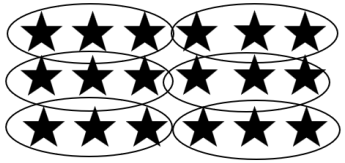
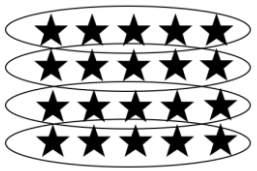
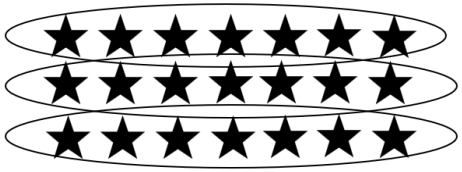
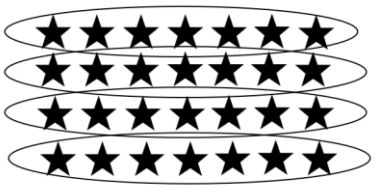
17. Draw a picture or model that represents how to solve the problem shown below?

21 ÷ 7 = ?

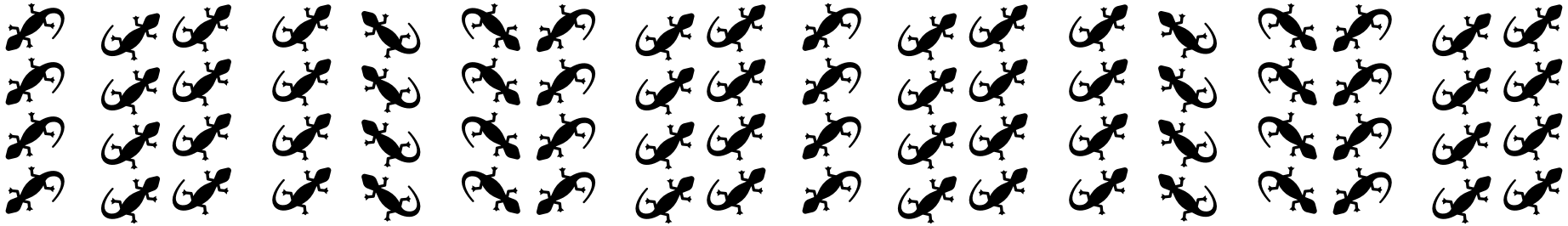
18. Draw a picture or model that represents how to solve the problem shown below?

32 ÷ 4 = ?

3.4.H - Representing Division Problem Set: 4

1. C	**2.** A	**3.** B	**4.** A	**5.** 16 ÷ 8 = ? 	**6.** 20 ÷ 4 = ? 
7. D	**8.** A	**9.** A	**10.** C	**11.** 18 ÷ 3 = ? 	**12.** 20 ÷ 5 = ? 
13. A	**14.** C	**15.** B	**16.** B	**17.** 21 ÷ 7 = ? 	**18.** 32 ÷ 4 = ? 
19. C	**20.** D	**21.** D	**22.** C	**23.** 24 ÷ 8 = ? 	**24.** 32 ÷ 8 = ? 
25. C	**26.** A	**27.** B	**28.** A	**29.** 15 ÷ 3 = ? 	**30.** 28 ÷ 7 = ? 

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?

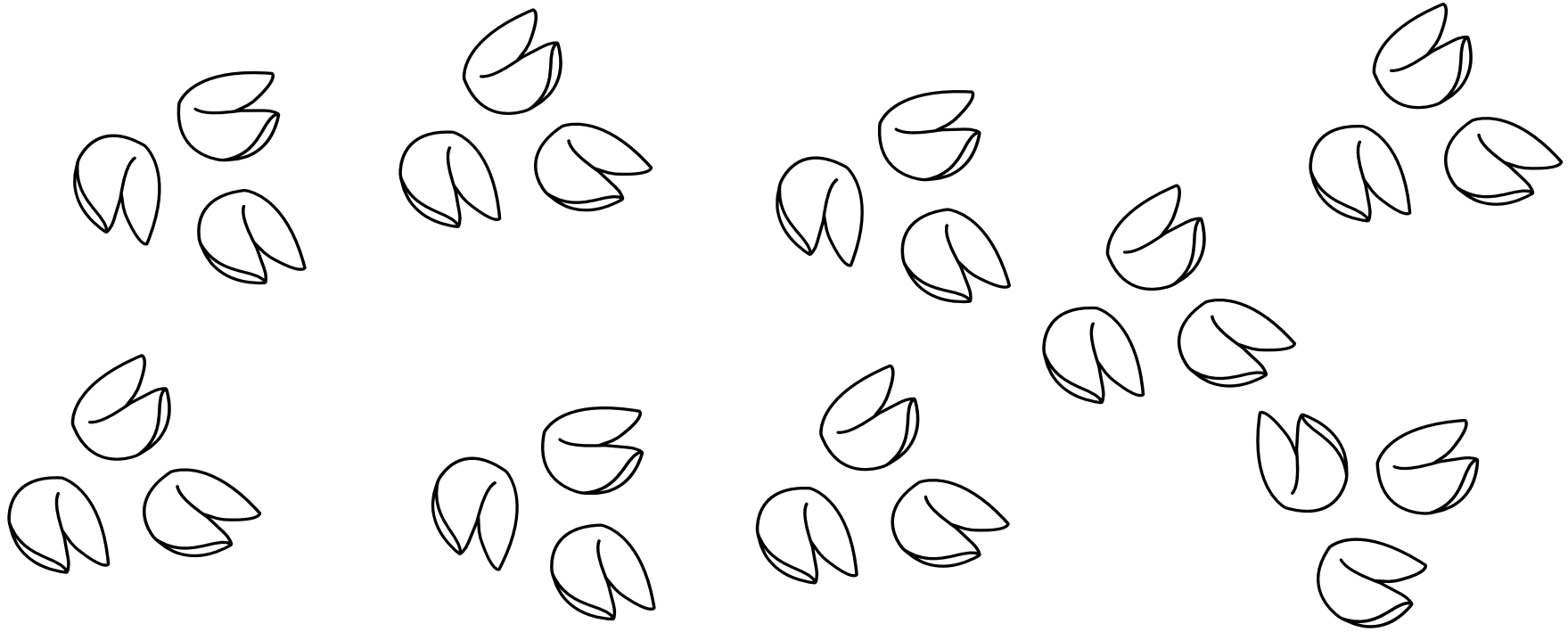
A. 9, because 72 ÷ 9 = 9

B. 7, because 72 ÷ 9 = 7

C. 8, because 72 ÷ 9 = 8

D. 648, because 72 X 9 = 648

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?

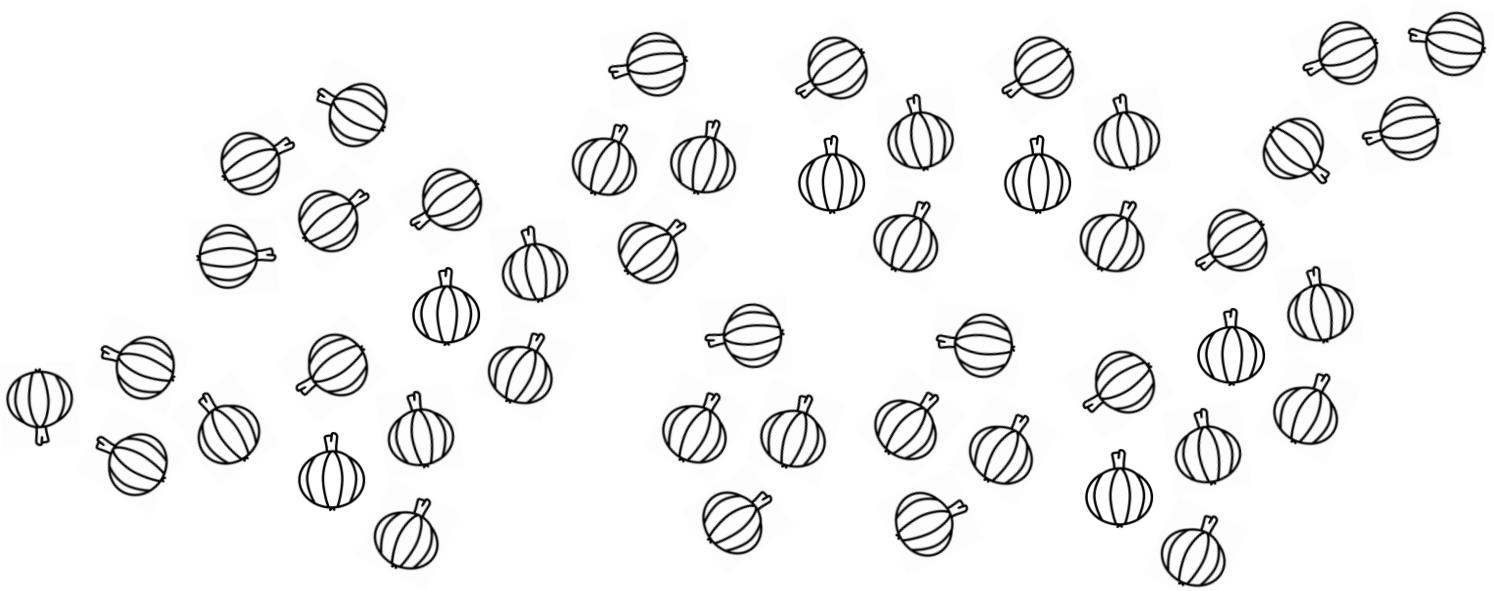
A. 6, because 27 ÷ 3 = 6

B. 7, because 27 ÷ 3 = 7

C. 8, because 27 ÷ 3 = 8

D. 9, because 27 ÷ 3 = 9

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?

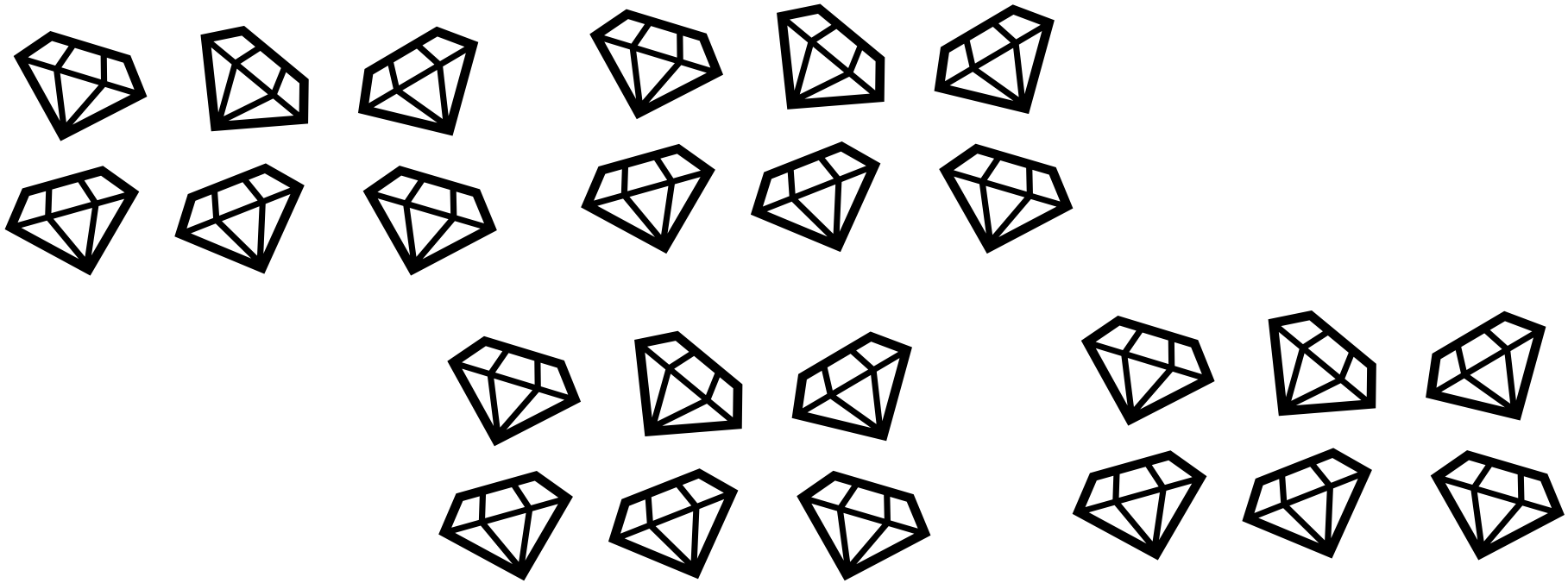
A. 10

B. 8

C. 6

D. 4

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?

A. 6, because 24 ÷ 6 = 6

B. 5, because 24 ÷ 6 = 5

C. 4, because 24 ÷ 6 = 4

D. 3, because 24 ÷ 6 = 3

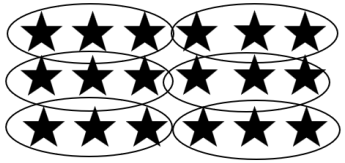
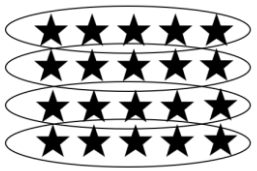
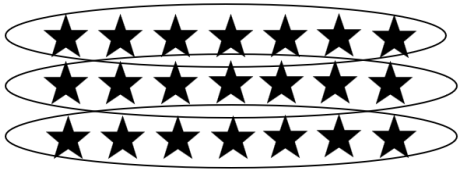
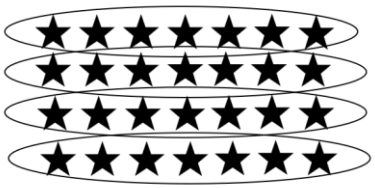
23. Draw a picture or model that represents how to solve the problem shown below?

24 ÷ 8 = ?

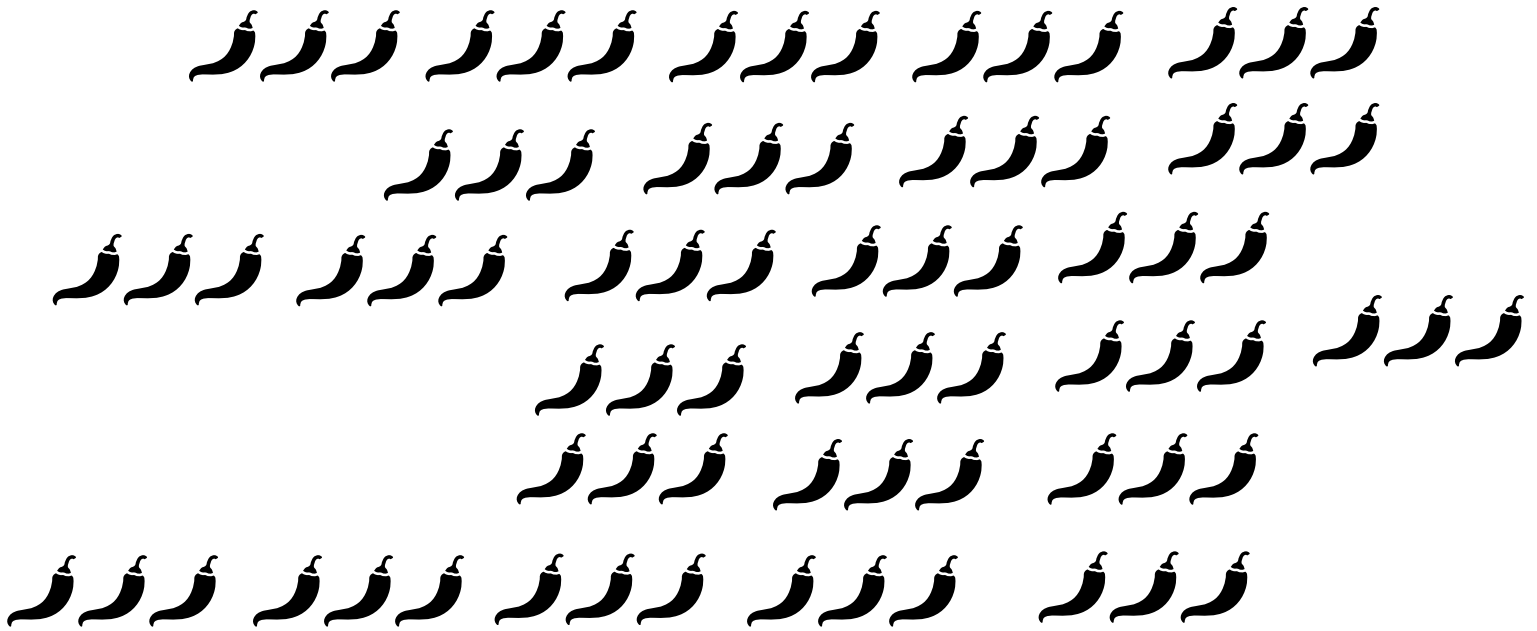
24. Draw a picture or model that represents how to solve the problem shown below?

32 ÷ 8 = ?

3.4.H - Representing Division Problem Set: 5

1. C	**2.** A	**3.** B	**4.** A	**5.** 16 ÷ 8 = ? 	**6.** 20 ÷ 4 = ? 
7. D	**8.** A	**9.** A	**10.** C	**11.** 18 ÷ 3 = ? 	**12.** 20 ÷ 5 = ? 
13. A	**14.** C	**15.** B	**16.** B	**17.** 21 ÷ 7 = ? 	**18.** 32 ÷ 4 = ? 
19. C	**20.** D	**21.** D	**22.** C	**23.** 24 ÷ 8 = ? 	**24.** 32 ÷ 8 = ? 
25. C	**26.** A	**27.** B	**28.** A	**29.** 15 ÷ 3 = ? 	**30.** 28 ÷ 7 = ? 

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?

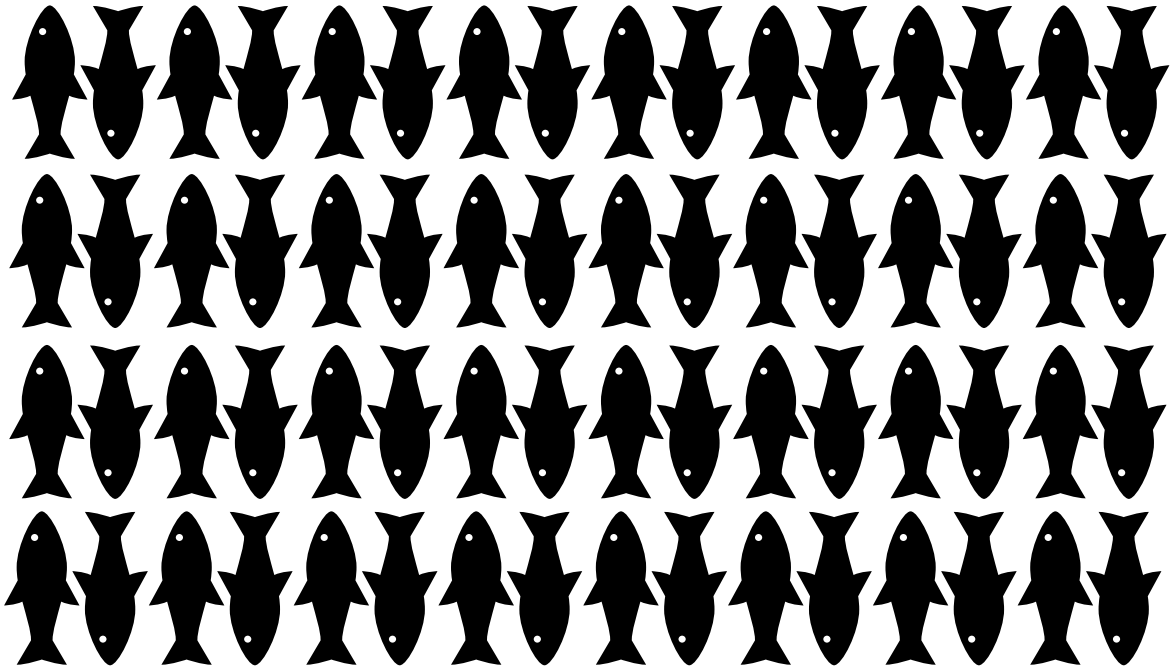
A. 9

B. 11

C. 13

D. 15

26. 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?

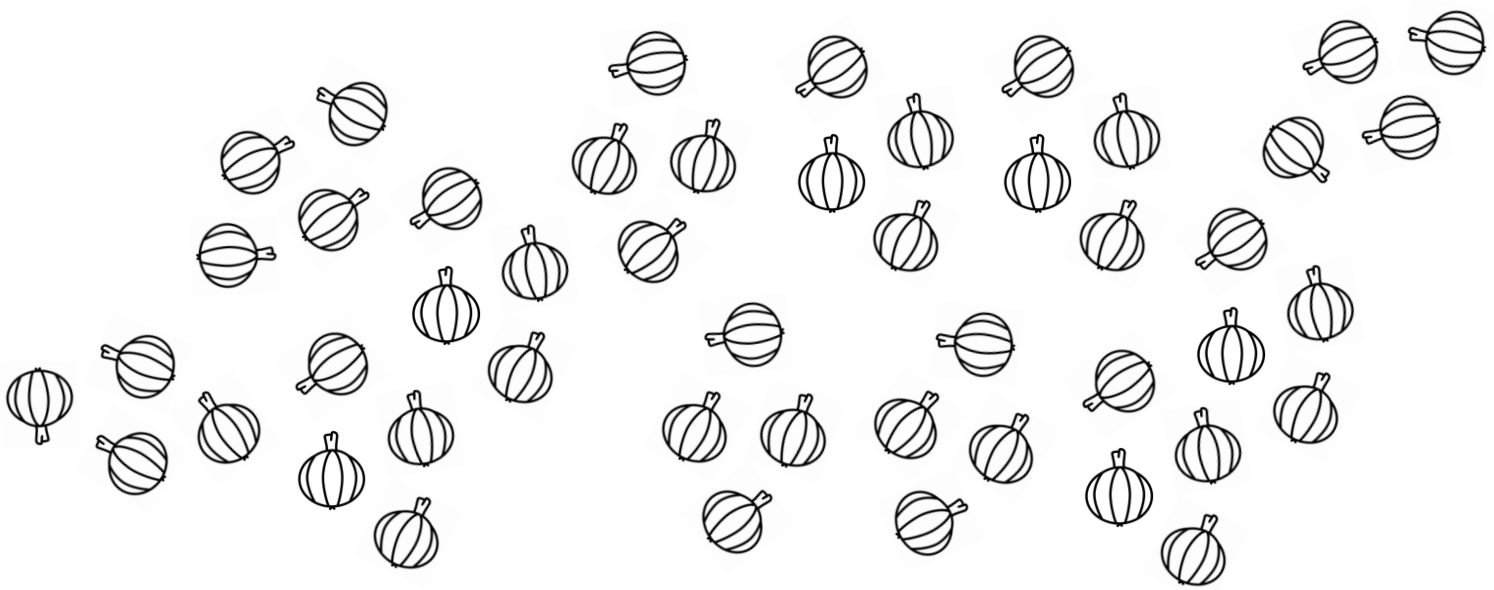
A. 8, because 64 ÷ 8 = 8

B. 7, because 64 ÷ 8 = 7

C. 6, because 64 ÷ 8 = 6

D. 5, because 64 ÷ 8 = 5

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?

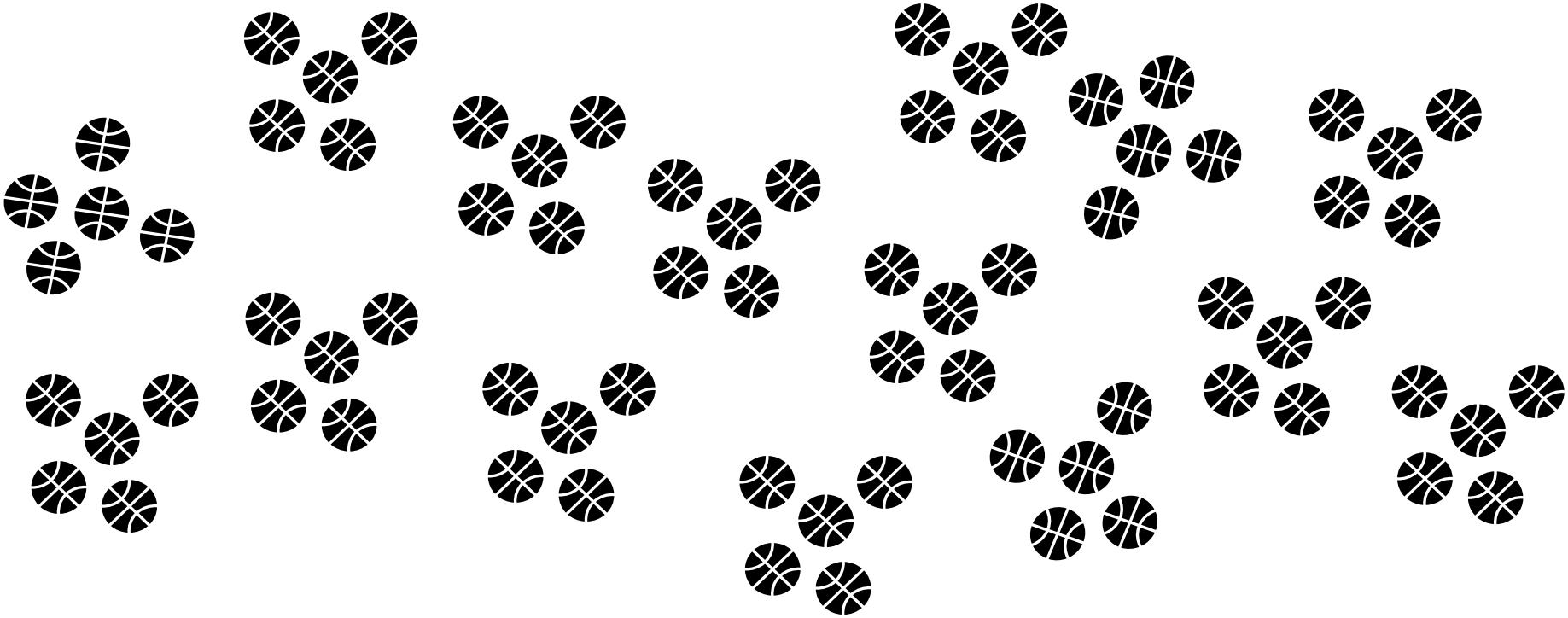
A. 22

B. 12

C. 8

D. 16

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?

A. 5

B. 10

C. 15

D. 20

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

15 ÷ 3 = ?

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

28 ÷ 7 = ?

Hint: The students will probably not be able to do all these division problems in their heads. That is by design. Help them figure out strategies for using the pictures to help them figure out the answer. For example, they could draw circles around the number of objects specified and count the circles. Or they could count how many times they can mark out the number of items specified.