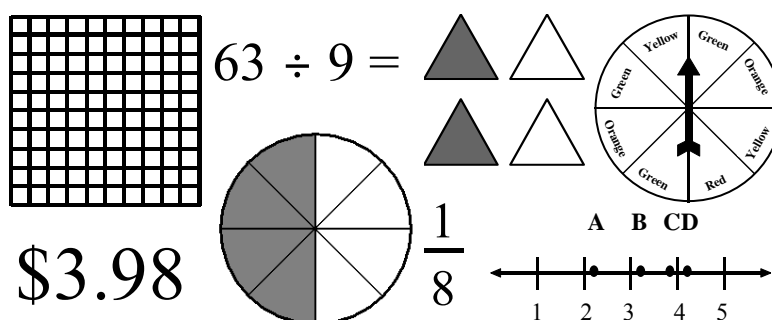


ANSWER KEY

Summer Math Packet For Students Entering Grade 5



Review and Practice of Fairfield Math Objectives and CMT Objectives

1. **c**

2. **a**

3. **c**

4. **c**

5. **329**

6. **c**

7. **c**

8. **b**

9. **d**

10. **a**

11. **b**

12. **b**

13. **a**

14. **c**

15. **a**

16. **b**

17. **d**

18. **c**

19. **a**

20. **Answers will vary**

21. **Answers will vary**

22. **c**

23. **a**

24. **b**

25. Record and bubble your answer in the grid.

	1	9	.		
Ⓐ	Ⓐ	Ⓐ	.	Ⓐ	Ⓐ
Ⓑ	●	Ⓑ	.	Ⓑ	Ⓑ
Ⓒ	Ⓒ	Ⓒ	.	Ⓒ	Ⓒ
Ⓓ	Ⓓ	Ⓓ	.	Ⓓ	Ⓓ
Ⓔ	Ⓔ	Ⓔ	.	Ⓔ	Ⓔ
Ⓕ	Ⓕ	Ⓕ	.	Ⓕ	Ⓕ
Ⓖ	Ⓖ	Ⓖ	.	Ⓖ	Ⓖ
Ⓗ	Ⓗ	Ⓗ	.	Ⓗ	Ⓗ
Ⓘ	Ⓘ	Ⓘ	.	Ⓘ	Ⓘ
Ⓚ	Ⓚ	●	.	Ⓚ	Ⓚ

26. Record and bubble your answer in the grid

	\$	8	.	4	7
Ⓐ	Ⓐ	Ⓐ	.	Ⓐ	Ⓐ
Ⓑ	Ⓑ	Ⓑ	.	Ⓑ	Ⓑ
Ⓒ	Ⓒ	Ⓒ	.	Ⓒ	Ⓒ
Ⓓ	Ⓓ	Ⓓ	.	●	Ⓓ
Ⓔ	Ⓔ	Ⓔ	.	Ⓔ	Ⓔ
Ⓕ	Ⓕ	Ⓕ	.	Ⓕ	Ⓕ
Ⓖ	Ⓖ	Ⓖ	.	Ⓖ	Ⓖ
Ⓗ	Ⓗ	Ⓗ	.	Ⓗ	●
Ⓘ	Ⓘ	●	.	Ⓘ	Ⓘ
Ⓚ	Ⓚ	Ⓚ	.	Ⓚ	Ⓚ

27. **a**

28. Record and bubble your answer in the grid.

	\$.	6	0
Ⓐ	Ⓐ	Ⓐ	.	Ⓐ	●
Ⓑ	Ⓑ	Ⓑ	.	Ⓑ	Ⓑ
Ⓒ	Ⓒ	Ⓒ	.	Ⓒ	Ⓒ
Ⓓ	Ⓓ	Ⓓ	.	Ⓓ	Ⓓ
Ⓔ	Ⓔ	Ⓔ	.	Ⓔ	Ⓔ
Ⓕ	Ⓕ	Ⓕ	.	Ⓕ	Ⓕ
Ⓖ	Ⓖ	Ⓖ	.	●	Ⓖ
Ⓗ	Ⓗ	Ⓗ	.	Ⓗ	Ⓗ
Ⓘ	Ⓘ	Ⓘ	.	Ⓘ	Ⓘ
Ⓚ	Ⓚ	Ⓚ	.	Ⓚ	Ⓚ

29. **16**

30. **326**

31. Solve the problem. **5**

Explain your thinking. _____

 Answers will vary

32. Solve the problem. 24

Explain your thinking. _____

Answers will vary

33. a

34. b

35. b

36. a

37. d

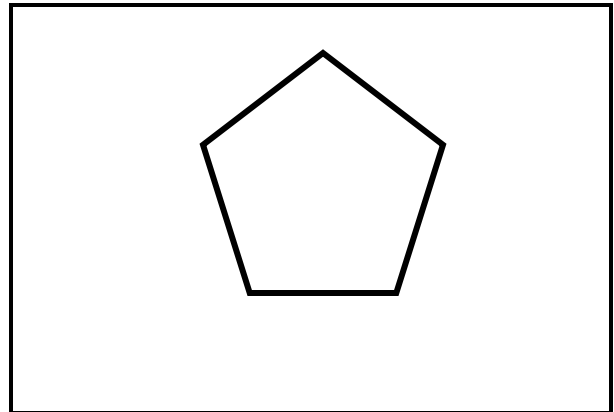
38. b

39. b

40. a

41. b

42. Draw a pentagon.

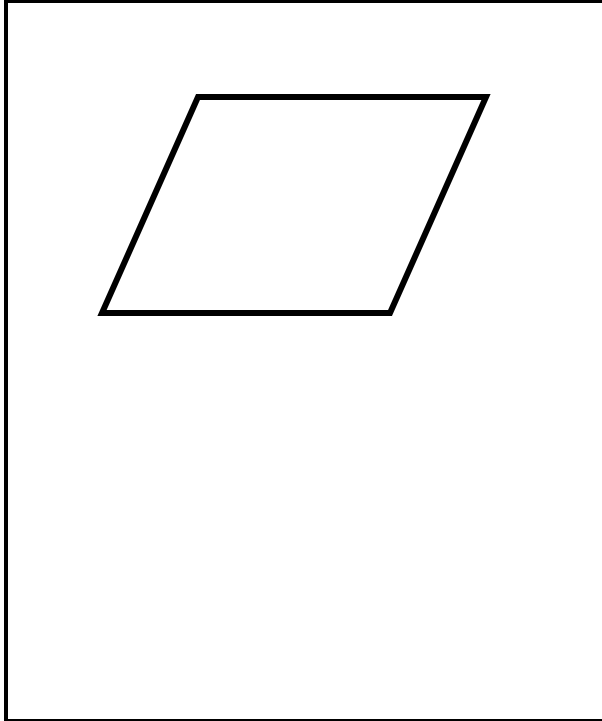


Write one or two sentences to

describe this figure. A pentagon is

any five-sided polygon.

43. Draw a parallelogram.



Write one or two sentences to describe

this figure. A parallelogram is a
quadrilateral with both pairs of
opposite sides parallel.

44. d

45. Complete and label the
PICTOGRAPH using the following
 information.

SAM'S T-SHIRTS

Color	Number of Shirts
Red	20
Blue	12
Green	8
White	16

Red	    
Blue	  
Green	 
White	   

 = 4

46. Complete and label the **BAR** graph using the following information.

SPEEDS OF ANIMALS

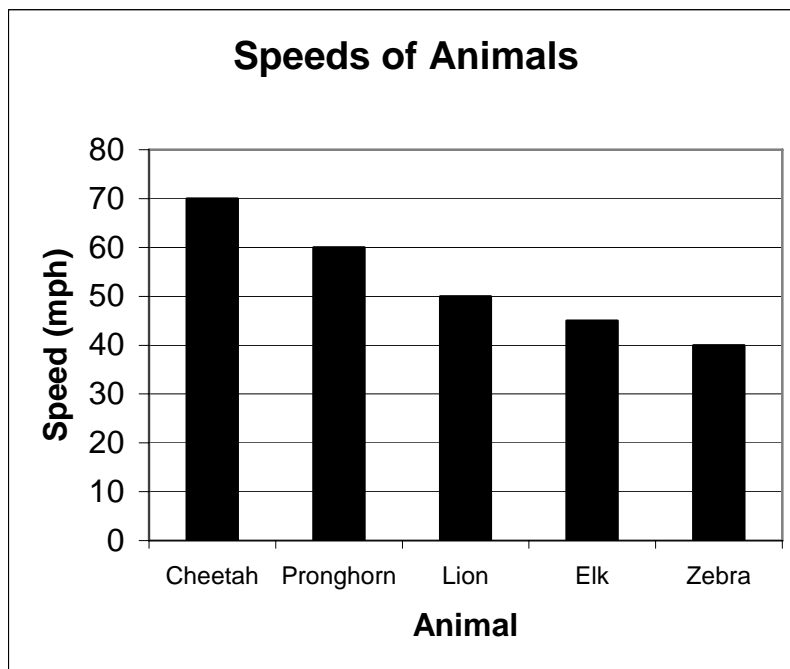
Animal	Speed (mph)
Cheetah	70
Pronghorn	60
Lion	50
Elk	45
Zebra	40

49. What is the next number in this pattern? Write the number. **32**

Explain why you chose this number.

 Answers will vary.

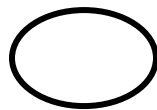
 The pattern is +4.



47. **b**

48. **b**

50. Draw the figure that should come next in the pattern.



Write a sentence to explain how you decided what to draw.

Answers will vary.

51. Tom made a list of the height of several friends. He wants to change this list into 2 new lists:

- friends taller than 56 inches
- friends shorter than 56 inches

Write the new lists for Tom.

Tom's New Lists

<u>Tom's Original List</u>		<u>Shorter than 56 inches</u>	<u>Taller than 56 inches</u>
Janet	55 inches	Janet	Rhea
Rhea	60 inches	June	Carolyn
June	48 inches	Felicia	Elise
Carolyn	59 inches	Ginny	Brian
Felicia	49 inches	Jack	Ann
Elise	63 inches	Howard	
Ginny	48 inches		
Jack	53 inches		
Brian	57 inches		
Howard	47 inches		
Ann	59 inches		

52. Sort all 8 of these activities into 2 groups so that the activities in each group have something in common. Show how you grouped these activities by writing its name in the chart. Write a sentence that explains why you grouped them this way.

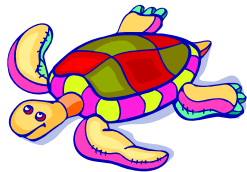
- playing tag
- playing Nintendo
- playing Monopoly
- walking the dog
- playing soccer
- eating dinner
- sleeping
- reading

Group 1	Group 2

Describe your rule for sorting here.

Answers will vary, but students must sort by 1 attribute.

53. Tory sells stuffed animals. She sells large stuffed animals for \$9 and small stuffed animals for \$4.



\$4.00



\$9.00

By the end of the day, Tory had sold the same number of large stuffed animals as small stuffed animals. She collected a total of \$65.

How many of each size of stuffed animal did Tory sell?

Tory sold 5 small stuffed animals and 5 large stuffed animals.

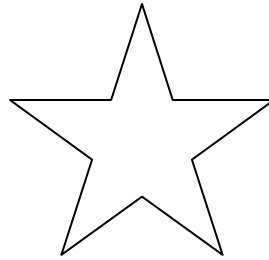
Show how you got your answer in the space below.

Explanations will vary.

54. Christy wants to decorate her folder with stars. Large stars cost 75 cents and small stars cost 25 cents. She spent \$8.00 on stars. She bought the same number of large stars as small stars.



25 cents



75 cents

How many small stars and large stars did Christy buy? (You may use a calculator.)

Christy bought 8 small stars and 8 large stars.

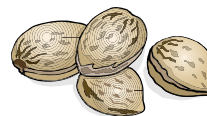
Show how you got your answer in the space below.

Explanations will vary.

55. Nuts To Crunch sells nuts at local stores and on-line. The table shows the prices of nuts from each source.



Nuts To Crunch



Nut	Price (per pound)	
	On-line	Local Store
Peanuts	\$0.99	\$1.49
Almonds	\$4.59	\$4.99
Pistachios	\$2.98	\$3.98
Mixed Nuts	\$2.49	\$3.29

Josh has a \$40.00 gift certificate to use at Nuts To Crunch. If he orders nuts on-line, there is a \$7.00 delivery charge. On-line he can also use a coupon for \$5.00 off any purchase over \$10.00. Josh wants to buy 8 lbs. of peanuts and 5 lbs. of almonds.

Should he buy the nuts on-line or at his local store? on-line

Why or why not? 8 lbs. of peanuts on-line cost \$7.92; 8 pounds of peanuts at the local store cost \$11.96. 5 lbs. of almonds on-line cost \$22.95; 5 lbs. of almonds at the local store cost \$24.95. With coupon and delivery charge, the on-line nuts total cost is \$32.87. At the local store the nuts total cost is \$36.91. Therefore, it would be cheaper to purchase the nuts on-line.

Show your work in the space below.

Peanuts		Almonds		On-line	Local store
on-line	local store	on-line	local store		
\$0.99	\$1.49	\$4.59	\$4.99	\$ 7.92	\$11.96
<u>x 8</u>	<u>x 8</u>	<u>x 5</u>	<u>x 5</u>	<u>+\$22.95</u>	<u>+\$24.95</u>
\$7.92	\$11.92	\$22.95	\$24.95	\$30.87	\$36.91
				<u>+\$ 7.00</u>	
				\$37.87	
				<u>- \$ 5.00</u>	
				\$32.87	