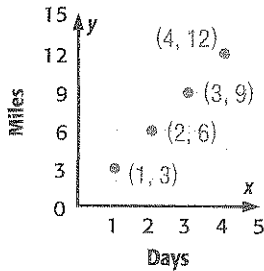


Extra Practice

The table shows the total number of miles Ariel runs for several days. The table also lists this information as ordered pairs (number of days, total miles).

11. Graph the ordered pairs.



Ariel's Running Record		
Days, x	Miles, y	(x, y)
1	3	(1, 3)
2	6	(2, 6)
3	9	(3, 9)
4	12	(4, 12)

12. Describe the pattern in the graph. *The graph shows that as the number of days increases by 1, the number of miles ran increases by 3.*

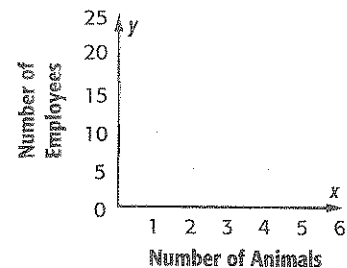
There are two employees for every tiger in the tiger exhibit at a local zoo. For every elephant in the elephant exhibit, there are four employees.

13. Make a table for each animal that shows the total number of employees for 1, 2, 3, or 4 animals. List the information as ordered pairs (number of animals, number of employees).

Tiger Exhibit			Elephant Exhibit		
Animals, x	Employees, y	(x, y)	Animals, x	Employees, y	(x, y)
1			1		
2			2		
3			3		
4			4		

14. Graph the ordered pairs for each store on the same coordinate plane.

15. **CCSS** Justify Conclusions Using the tables and graphs, write a few sentences comparing the ratios of the number of employees per animal. How is this shown on the graph?





Standardized Test Practice

16. The table gives the ratio of teachers to students at Jefferson Middle School.

At Hamilton Middle School, the ratio of teachers to students is 26 to 1. Which statement correctly compares the ratio of teachers to students at the two schools?

Students, x	Teachers, y
24	1
48	2
72	3
96	4

- (A) There are more students per teacher at Hamilton Middle School than at Jefferson Middle School.
- (B) Both schools have an equivalent ratio of students to teachers.
- (C) There are more students at Hamilton Middle School than at Jefferson Middle School.
- (D) There are more students per teacher at Jefferson Middle School than at Hamilton Middle School.

17. **Short Response** Nina earns \$15 for each yard she mows. The table shows her earnings for 0, 1, 2, and 3 yards mowed. How much will Nina earn if she mows 6 yards?

Yards Mowed	Dollars Earned (\$)
0	0
1	15
2	30
3	45



Common Core Review

Simplify each fraction. 5.NF.5b

18. $\frac{13}{78} = \frac{\quad}{\quad}$

19. $\frac{26}{130} = \frac{\quad}{\quad}$

20. $\frac{20}{240} = \frac{\quad}{\quad}$

21. There are 270 sixth grade students and 45 chaperones going on a field trip. How many students will be with each chaperone if the groups are divided equally? 5.NBT.5

22. Several students were surveyed about their favorite class. The results are shown in the table. What fraction of the students chose music as their favorite subject? Write the fraction in simplest form. 5.NF.3

Art	26
English	19
Math	21
Music	16
Science	32