## Name Date Answer Key Page 1 Scatter plots may vary. CONSTRUCTING SCATTER PLOTS

A **scatter plot** is a type of graph that uses points to show values for two different variables. Try it! Create a scatter plot for each data set. Be sure to title each scatter plot, label each axis, and choose an appropriate scale for each axis.

to :	shovel his drivew	ay. He	e reco	rded	the do	ata in	the to	able.				y 10 9
S	nowfall (in.)	2	5	8	18	10	6	12	14	elina (hr.)		8 7 6
	ime Shoveling nr.)	1	2	2	5	3	2	4	4	Time Shovelina (hr.)		5 4 3 2
										ļ.		0 2 4 6 8 10 12 14 16 18 20 Snowfall (in.)
tim	ch month for the ne she spent read corded the data in	ing a	nd the	e num	-							Monthly Reading
	ime Reading nr.)	13	11	17	7	16	20	12	6	Books Read		8 7 6 5
B	ooks Read	2	2	3	1	3	4	2	1	Boo		4 3 2 1 0 2 4 6 8 10 12 14 16 18 20
the	r each of the tenn e number of pract ring a season. He	tices r	nissed	d and	the n	umbe	r of m					Time Reading (hr.) nis Player Practice Attendance
	ractices Missed	2	4	3	6	0	2	7	4	Non	:	
M	latches Won	17	10	14	11	16	15	7	9	Matches Won		
												0 1 2 3 4 5 6 7 8 9 10 Practices Missed

Name \_\_\_\_\_ Date \_\_\_\_ Answer Key Page 2 Scatter plots may vary. CONSTRUCTING SCATTER PLOTS

*Keep going!* Create a scatter plot for each data set. Be sure to title each scatter plot, label each axis, and choose an appropriate scale for each axis.

Age (yr.) Age (yr.) Age (yr.) Age (yr.) Math Quizzes puarter. He recorded the data in the table. Time Studying (min.) 30 60 10 40 90 20 70 50 Quiz Score (%) 75 90 60 80 95 65 80 75	Canyon Creek Park											<i>y</i> 40▲	es at Canyon Creek Park	
Age (yr.)46572985Height (ft.)122012208322416Height (ft.)122012208322416adden tracked the amount of time he spent studying and the score he earned on each of the math quizzes he took last quarter. He recorded the data in the table.Math QuizzesTime Studying (min.)3060104090207050Quiz Score (%)7590608095658075Row Number2018161421086Ticket Cost (\$)20404060190100120140														
aylen tracked the amount of time he spent studying and the score he earned on each of the math quizzes he took last quarter. He recorded the data in the table. Time Studying 30 60 10 40 90 20 70 50 Quiz Score (%) 75 90 60 80 95 65 80 75 The table shows the row number and cost of the ticket for a few seats at a concert. Row Number 20 18 16 14 2 10 8 6 Ticket Cost (\$) 20 40 40 60 190 100 120 140 Ticket Cost (\$) 20 40 40 60 190 100 120 140	Age (yr.)	4	6	5	7	2	9	8	5		ht (ft.)	24		
aylen tracked the amount of time he spent studying and the score he earned on each of the math quizzes he took last quarter. He recorded the data in the table. Time Studying 30 60 10 40 90 20 70 50 Quiz Score (%) 75 90 60 80 95 65 80 75 The table shows the row number and cost of the ticket for a few seats at a concert. Row Number 20 18 16 14 2 10 8 6 Ticket Cost (\$) 20 40 40 60 190 100 120 140	Height (ft.)	12	20	12	20	8	32	24	16		Heigl	12		
Age (yr.)aylen tracked the amount of time he spent studying and the score he earned on each of the math quizzes he took last quarter. He recorded the data in the table.Math Quizzes $10$ Time Studying (min.)3060104090207050Quiz Score (%)7590608095658075The table shows the row number and cost of the ticket for a few seats at a concert.Row Number 2018161421086Ticket Cost (\$)20404060190100120140		-			-	-	-		-			4	1 2 3 4 5 6 7 8 9 10	
Math QuizzesMath Quizzesaccore he earned on each of the math quizzes he took lastquarter. He recorded the data in the table.Time Studying3060104090207050Quiz Score (%)7590608095658075The table shows the row number and cost of the ticket for a few seats at a concert.VVVVVTicket Cost (\$)2018161421086VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV <th col<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th>	<td></td>													
core he earned on each of the math quizzes he took last quarter. He recorded the data in the table. Time Studying (min.) 30 60 10 40 90 20 70 50 Quiz Score (%) 75 90 60 80 95 65 80 75 The table shows the row number and cost of the ticket for a few seats at a concert. Row Number 20 18 16 14 2 10 8 6 Ticket Cost (\$) 20 40 40 60 190 100 120 140									he				Math Quizzes	
Time Studying (min.)3060104090207050Quiz Score (%)7590608095658075The table shows the row number and cost of the ticket for a few seats at a concert.Row Number2018161421086Ticket Cost (\$)20404060190100120140		-												
The table shows the row number and cost of the ticket for a few seats at a concert. Row Number 20 18 16 14 2 10 8 6 Ticket Cost (\$) 20 40 40 60 190 100 120 140 $\begin{bmatrix} 20 \\ 10 \\ 20 \end{bmatrix} \begin{bmatrix} 20 \\ 10 \\ 10 \end{bmatrix} \begin{bmatrix} 20 \\ 10 \\ $												90		
The table shows the row number and cost of the ticket for a few seats at a concert. Row Number 20 18 16 14 2 10 8 6 Ticket Cost (\$) 20 40 40 60 190 100 120 140 $\begin{bmatrix} 20 \\ 10 \\ 20 \end{bmatrix} \begin{bmatrix} 20 \\ 10 \\ 10 \end{bmatrix} \begin{bmatrix} 20 \\ 10 \\ $		30	60	10	40	90	20	70	50		ore (%)	70 60		
The table shows the row number and cost of the ticket for a few seats at a concert. Row Number 20 18 16 14 2 10 8 6 Ticket Cost (\$) 20 40 40 60 190 100 120 140 $\begin{bmatrix} 20 \\ 10 \\ 20 \end{bmatrix} \begin{bmatrix} 20 \\ 10 \\ 10 \end{bmatrix} \begin{bmatrix} 20 \\ 10 \\ $	Quiz Score (%)	75	90	60	80	95	65	80	75		Quiz Sc	40 30		
The table shows the row number and cost of the ticket for a few seats at a concert. Row Number 20 18 16 14 2 10 8 6 Ticket Cost (\$) 20 40 40 60 190 100 120 140														
The table shows the row number and cost of the ticket for a few seats at a concert. Row Number 20 18 16 14 2 10 8 6 Ticket Cost (\$) 20 40 40 60 190 100 120 140												0	10 20 30 40 50 60 70 80 90 10	
Concert Tickets         Row Number       20       18       16       14       2       10       8       6         Ticket Cost (\$)       20       40       40       60       190       100       120       140													Time Studying (min.)	
Row Number       20       18       16       14       2       10       8       6         Ticket Cost (\$)       20       40       40       60       190       100       120       140		e row	numb	er an	d cost	of th	e ticke	et for	a few				Concert Tickets	
Row Number       20       18       16       14       2       10       8       6         Ticket Cost (\$)       20       40       40       60       190       100       120       140	seats at a concert.											y 200		
20											\$)			
20		20	18	16	14	2	10	8	6		cket (			
20	Row Number				60	190	100	120	140		st of Ti	80		
			40	40							0			
			40	40							ů			