By now, you should be able to tell the difference between direct and partial variation and also write an equation that it represents.

6.

Try the ones below to see how good your understanding is.

Use variables that are appropriate for the situation given.

1.	A family meal deal at Chicken Deluxe costs
	\$26, plus \$1.50 for every extra piece of
	chicken added to the bucket.

Direct or Partial? \_\_\_\_\_

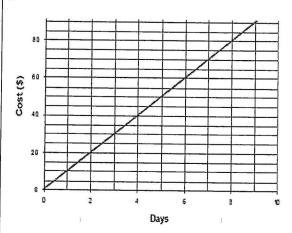
Equation \_\_\_\_\_

2. Jim works at the local golf course and makes \$9.40 per hour.

Direct or Partial?

Equation \_\_\_\_

3.



Direct or Partial?

Equation \_\_\_\_\_

Distance Remaining (km)

Direct or Partial?

Equation \_\_\_\_\_

5.

Number of Submarine Sandwiches	Cost (\$)
0	0
2	11.00
4	22.00
6	33.00
8	44.00

Direct or Partial?

Equation \_\_\_\_\_

Cost of Holding an **Number of People Athletic Banquet** 75 20 275 40 475 60 675 80 875

Direct or Partial?

Equation \_\_\_\_\_

\$0.1	it a car for the we	eekend costs \$50 plus	grou		rant has a special pric costs \$24 plus \$11 fo	
Direct or Partial?		Direct or	Direct or Partial?			
Equation			Equation	Equation		
9.		*	10.			
<b>3</b> .			10.			
		ng a Wedding at Elvis er of People Attending		Speed v.s. Time for The Kiddy Version of The Drop Zone Ride		
46 33 30 29 20 20 11 10	500 500 500 500 500 500 000 500 0	60 80 100 120 per of Guests	Speed (m/s)	20 10 10 10 10 10 10 10 10 10 10 10 10 10	3 4 5 6 me(s)	
Direct or	r Dartial?					
			Direct or	Partial?	<del></del>	
Equation	1		Equation			
11.			12.			
	Distance (km)	Cost of Bus Charter (\$)		Time Worked (hrs)	Total Pay (\$)	
1	0	170	A	0	0	
	100	210		1	6.70	
	200	250	1	2	13.40	
	300	290		3	21.10	
-			4)			
Direct	300 400	290	Direct	3 4	21.10	
	300 400 or Partial?	290 330		3 4 t or Partial?	21.10	
	300 400 or Partial?	290 330		3 4 t or Partial?	21.10 26.80	
Equat	300 400 or Partial? ion	290 330	Equat	3 4 t or Partial?tion	21.10	
Equat 13. Joe with	300 400 or Partial?i ion has \$800 in his b draws \$25 every	290 330	Equate 14. Stud	3 4 t or Partial?tiontent council charge	21.10 26.80 es \$15 for each semi-	
Equat  13. Joe without	300 400 or Partial? ion has \$800 in his ledraws \$25 every	290 330	14. Stud forma	3 4 t or Partial?tiontiontent council charge al ticket sold.	21.10 26.80	