

Which Cell Phone Plan is Right for YOU?

Name _____ Class Period _____

Three customers are looking at cell phone plans:

Customer 1: Linda, a retired math teacher, keeps her phone in the car to call people for emergency use only. Historically, she uses the phone less than 50 minutes each month.

Customer 2: Keisha, a college student, attends school out of state. She uses her phone to get on the internet, text message, and call friends and family at home to keep in touch. She uses about 900 minutes each month.

Customer 3: Joseph, a traveling salesman, is gone three to four nights a week. He contacts customers, his home office and family, checks his email and gets on the internet when he is away. He uses about 1,500 minutes each month.

Three cell phone plans are available for these customers.

Plan A: \$30 for data/internet and unlimited texting plus \$.15 for each additional minute

Plan B: \$40 for data/internet and unlimited texting plus \$.10 for each additional minute

Plan C: \$.15 for each minute with no data and text message capabilities

Create a table, graph and equation for each plan. Determine which plan is the best for each customer. Justify your selection.

Plan A

Number of Minutes	Cost
0	
100	
200	
300	
400	
500	
600	
700	
800	
900	
1000	
1100	
1200	
1300	
1400	
1500	
1600	

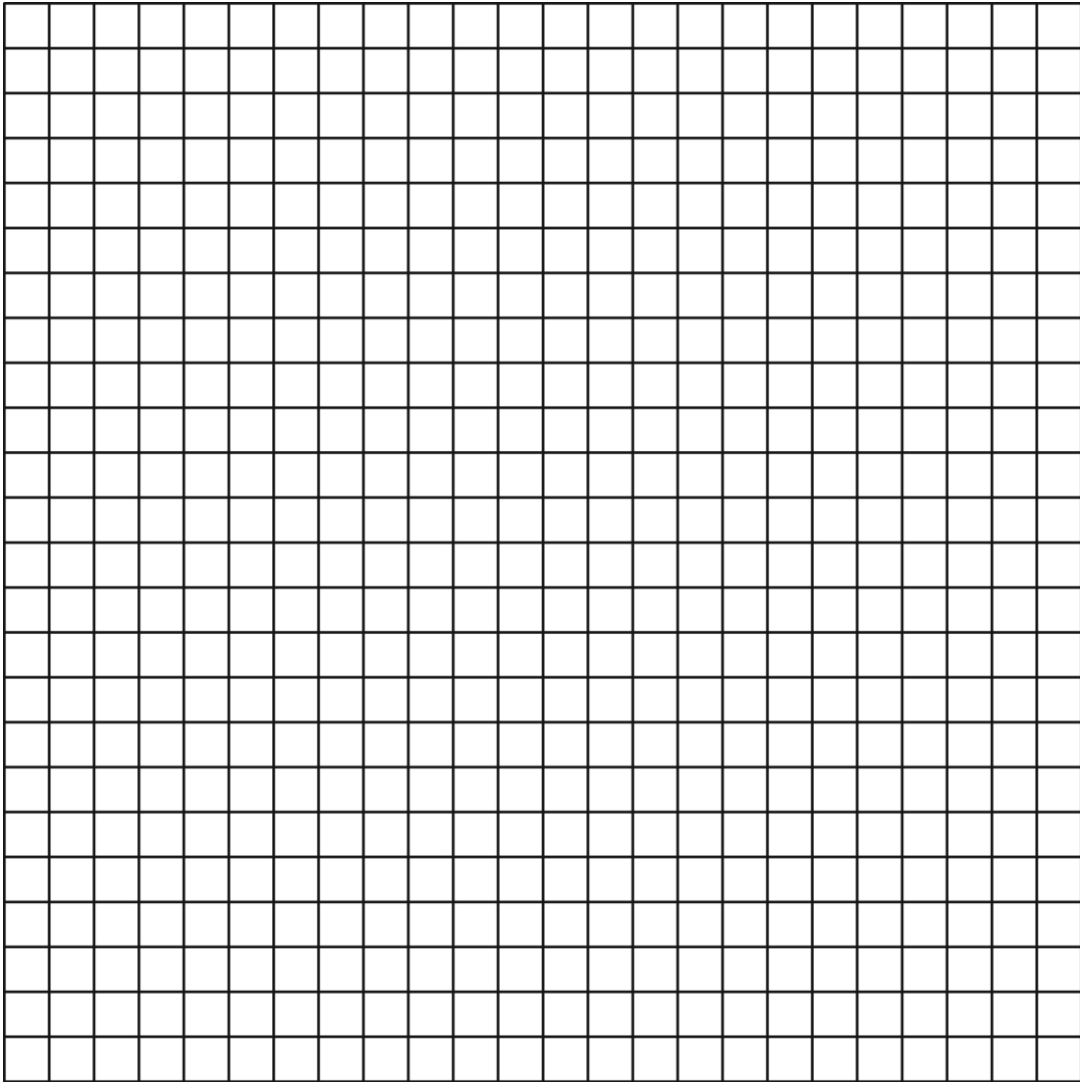
Plan B

Number of Minutes	Cost
0	
100	
200	
300	
400	
500	
600	
700	
800	
900	
1000	
1100	
1200	
1300	
1400	
1500	
1600	

Plan C

Number of Minutes	Cost
0	
100	
200	
300	
400	
500	
600	
700	
800	
900	
1000	
1100	
1200	
1300	
1400	
1500	
1600	

Plot the points for each plan using a different color marker or pencil.



Write an equation for each plan.

Plan A: _____

Plan B: _____

Plan C: _____

Determine which plan is the best for each customer. Justify your selections.