

1. Consider the following tables. For each part below, circle the letters of any of the tables that fit the description.

a) function from x to y : A B C D

b) *one to one* function from x to y : A B C D

c) function of y to x : A B C D

A		B		C		D	
x	y	x	y	x	y	x	y
-4	-2	0	-3	-1	-5	-3	-5
2	3	2	3	1	2	1	2
4	6	2	4	6	5	6	2
8	7	8	7	9	7	8	9
16	11	11	15	1	2	15	14

For each question below, show your reasoning and calculations.

2. A toy car takes 4 seconds to travels 0.6 meters in a straight line.

a) What is the average speed of the toy car?

b) Assume the speed of the car is constant. How far does the car travel in 10 seconds?

c) Assume the speed of the car is constant. How long does it take the car to travel 0.9 m?

3. A cell phone plan charges a monthly fee of \$30 *plus* \$0.10 per minute. Last month, you spent \$100 using this cell phone plan. How many minutes did you use?

For which questions did you use your calculator?
Check all that apply.

1a	1b	1c	2a	2b	2c	3