

#1

Zachary's dad keeps track of how many times a month that Zachary forgets to do his chores. According to the table, what was the rate of change between September and October? Write your answer as a decimal, rounded to two decimal places, or an integer.

Zachary's Forgotten Chores

Month	Chores Forgotten
June	27
July	33
August	31
September	4
October	35

forgets per month

Show your work

#2

The financial aid office at the University of Toronto produced an internal report on the number of students who received scholarships. According to the table, what was the rate of change between 2004 and 2005? Write your answer as a decimal rounded to two decimal places, or an integer.

Students received scholarships

Year	Students
2001	24
2002	4
2003	8
2004	10
2005	33

students per year

Show your work

#3

Jacob's dad keeps track of how many times a month that Jacob forgets to do his chores. According to the table, what was the rate of change between June and August? Write your answer as a decimal, rounded to two decimal places, or an integer.

Jacob's Forgotten Chores

Month	Chores Forgotten
April	2
May	40
June	38
July	6
August	34

- 2 per month
- 4 per month
- 0 per month
- 5 per month

Show your work

#4

The financial aid office at the University of Toronto produced an internal report on the number of students who received scholarships. According to the table, what was the rate of change between 2002 and 2004? Write your answer as a decimal rounded to two decimal places, or an integer.

Students received scholarships

Year	Students
2001	12
2002	13
2003	7
2004	33
2005	31

students per year

Show your work

#5

While worried about going over his storage limit, Darren monitored the number of undeleted voicemail messages stored on his phone each day. According to the graph, what was the rate of change between Monday and Wednesday? Write your answer as a decimal rounded to two decimal places, or an integer.

Total Daily Voicemail Messages

Day	Voicemail messages
Monday	10
Tuesday	16
Wednesday	24
Thursday	27
Friday	20

- 8 per day                       7 per day  
 5 per day                         4 per day

Show your work

#6

If Matilda finds the table below in her wallet, what is the rate of change between 1999 and 2000? Write your answer as a decimal rounded to two decimal places, or an integer.

Electricity Cost

Year	Cost (\$)
1996	33
1997	37
1998	28
1999	45
2000	48

\$  per year

Show your work

#7

Noah spent a week at the beach and recorded the number of shells he found each day. According to the graph, what was the rate of change between Wednesday and Thursday? Write your answer as a decimal rounded to two decimal places, or an integer.

Shells Noah Found

Day	Number of shells
Sunday	4
Monday	32
Tuesday	27
Wednesday	9
Thursday	49

shells per day

Show your work

#8

A high school badminton team documents how many games they win each year. Using their table below, find the rate of change between 1989 and 1992. Write your answer as a decimal rounded to two decimal places, or an integer.

Badminton Games Won

Year	Won
1988	7
1989	32
1990	31
1991	48
1992	27

per year

Show your work

#9

Dylan uses the table below to track how many new skateboarding tricks he has learned each month. Using the table find the rate of change between April and July? Write your answer as a decimal, rounded to two decimal places, or an integer.

Skateboard Tricks Learned

Month	Tricks
April	15
May	44
June	50
July	44
August	13

tricks per month

Show your work

#10

Zoe's dad keeps track of how many times a month that Zoe forgets to do her chores. According to the table, what was the rate of change between April and May? Write your answer as a decimal, rounded to two decimal places, or an integer.

Zoe's Forgotten Chores

Month	Chores Forgotten
January	18
February	42
March	7
April	29
May	20

forgets per month

Show your work

#11

A company keeps track of how many sick days are reported each month. According to the table, what was the rate of change between August and October? Write your answer as a decimal, rounded to two decimal places, or an integer.

Employee Sick Days

Month	Sick Days
July	2
August	41
September	20
October	38
November	23

- $-1.6$  per month        $-1.7$  per month  
  $-1.2$  per month        $-1.5$  per month

Show your work

#12

The financial aid office at the University of Toronto produced an internal report on the number of students who received scholarships. According to the table, what was the rate of change between 2002 and 2004? Write your answer as a decimal rounded to two decimal places, or an integer.

Students received scholarships

Year	Students
2001	12
2002	13
2003	7
2004	33
2005	31

students per year

Show your work

Question	Answer
#1	[+]31
#2	[+]23
#3	choice 1
#4	[+]10
#5	choice 2
#6	[+]3
#7	[+]40
#8	[-]1.67
#9	[+]9.67
#10	[-]9
#11	choice 4
#12	[+]10