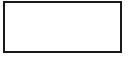
Zachary's dad keeps track of how many times a month that Zachary forgets to do his chores. According to the table, what was the rate of change between September and October? Write your answer as a decimal, rounded to two decimal places, or an integer.

Zachary's Forgotten Chores

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



forgets per month

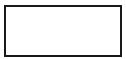
Show your work

#2

The financial aid office at the University of Toronto produced an internal report on the number of students who received scholarships. According 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

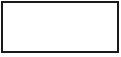
Show your work

CC.8.64

The financial aid office at the University of Toronto produced an internal report on the number of students who received scholarships. According 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 |



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 |



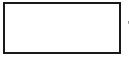
Show your work

#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 |



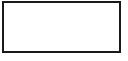
tricks per month

Show your work

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 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 |