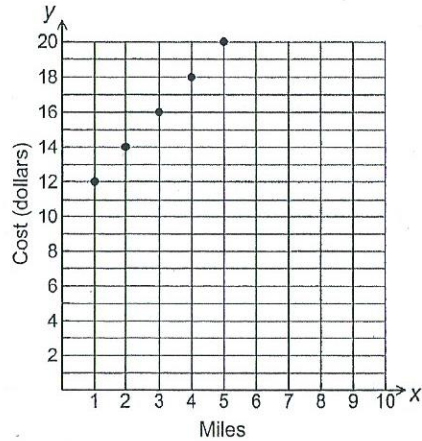




Student Name: _____ Date: _____

TAXI!

The graph below shows the cost of a taxi ride. Use the information in the graph to complete the table below.



Miles (m)	1	2	3	5	10	15
Cost (c)						

Write an equation that could be used to find the cost of a taxi ride for m miles.

Equation: _____

Communicating About Mathematics

Justify why your equation fits the problem situation above.





Student Name: _____ Date: _____

The Colors of a Pattern

- Choose one colored pencil and shade the part of the pattern that is not changing in each figure as the figure number increases.
- Use the second colored pencil to shade the part of the pattern that is changing in each figure as the figure number increases.

Pattern A



Figure 1

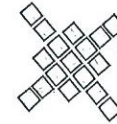


Figure 2

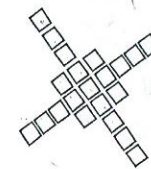


Figure 3

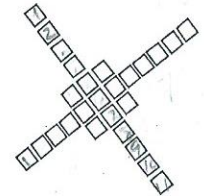


Figure 4

Pattern B



Figure 1

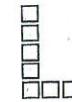


Figure 2



Figure 3

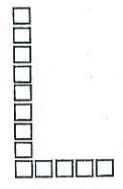


Figure 4

Pattern C



Figure 1



Figure 2



Figure 3

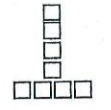


Figure 4

Communicating About Mathematics

Choose one of the patterns above and describe another way to look at what is constant and what is changing.

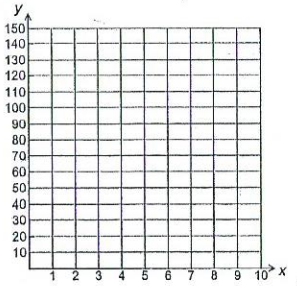




Student Name: _____ Date: _____

Round Robin: Pay Day

- Pass your paper to the person seated at your right and solve the first problem on the paper you have received. You may work with your group to solve the problem.
- Upon completion, pass the papers to the right again and solve the second problem. Again, you may work together to solve the problem.
- Continue this process for the remaining problems.

1. J.C. earns \$14.25 per hour. Complete the table below.	2. Graph the information in the table representing J.C.'s salary. Label the graph.												
Solution: <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">Hours (<i>h</i>)</th> <th style="padding: 5px;">Salary (<i>s</i>)</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">1</td><td style="text-align: center;">210</td></tr> <tr><td style="text-align: center;">2</td><td style="text-align: center;">285</td></tr> <tr><td style="text-align: center;">3</td><td style="text-align: center;">435</td></tr> <tr><td style="text-align: center;">5</td><td style="text-align: center;">712.5</td></tr> <tr><td style="text-align: center;">10</td><td style="text-align: center;">1425</td></tr> </tbody> </table>	Hours (<i>h</i>)	Salary (<i>s</i>)	1	210	2	285	3	435	5	712.5	10	1425	Solution: 
Hours (<i>h</i>)	Salary (<i>s</i>)												
1	210												
2	285												
3	435												
5	712.5												
10	1425												
3. Use the table above to determine J.C.'s weekly salary if she worked 4 hours a day for 6 days.	4. Use the graph above to determine approximately how many hours J.C. will have to work to earn \$99.75.												
Solution: _____	Solution: _____												

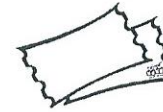
Communicating About Mathematics

Which representation was easiest for you to use? Justify your answer.

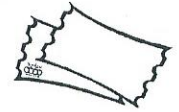




Student Name: _____ Date: _____



Tickets, Tickets, Tickets



The amusement park charges an entrance fee in addition to the cost of ride tickets. If c represents the total cost of t tickets at the park and the entrance fee, complete the table below.

t	1	2	3	5	10	100
c	\$5.75	6.5	7.75	\$8.75		

Write an equation that could be used to represent this problem situation.

Equation: _____

Communicating About Mathematics

Justify why your equation fits the problem situation above.