

6.EE.9 I can use variables to represent the relationship between quantities in real-world problems. I can explain the relationship between dependent and independent variables. I can analyze the relationship between

1.  Use pencil and paper to answer the question.

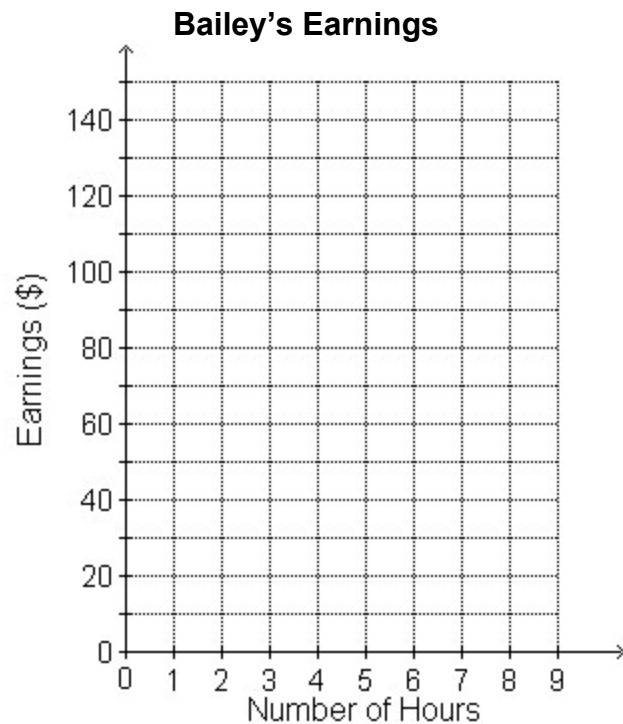
Bailey earns \$13 per hour.

Write an equation in terms of Earnings, E , and hours worked, h , to represent this situation.

Equation: _____

Complete the table. Graph the data and connect the plotted points.

Hours	Earnings
3	
5	
	\$91
8	
	\$117



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2.  Use pencil and paper to answer the question.

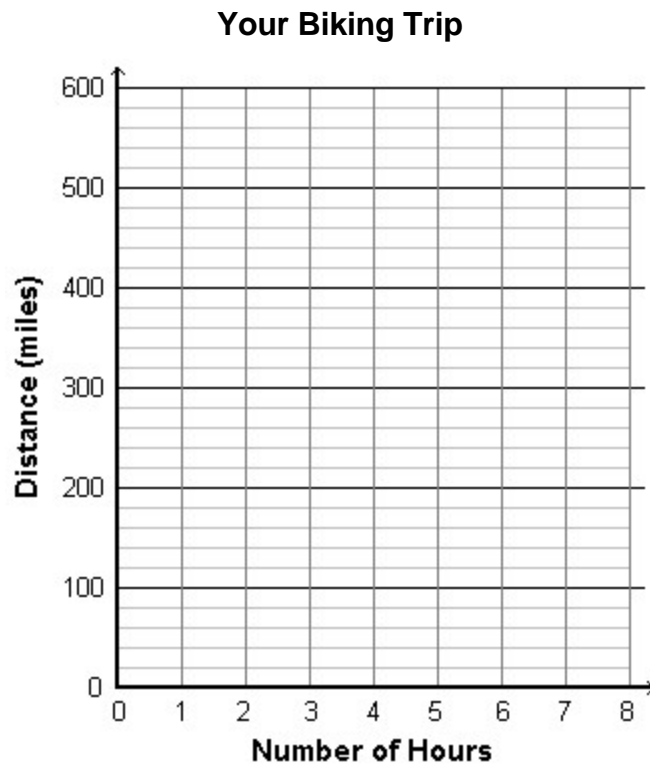
Your biking speed is 12 miles per hour.

Write an equation in terms of distance, d , and time, t , to represent this situation.

Equation: _____

Complete the table. Graph the data and connect the plotted points.

Number of Hours (h)	Miles ($12 \cdot h$)
0	0
1	12
2	
3	
4	
6	72
8	



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3.  Use pencil and paper to answer the question.

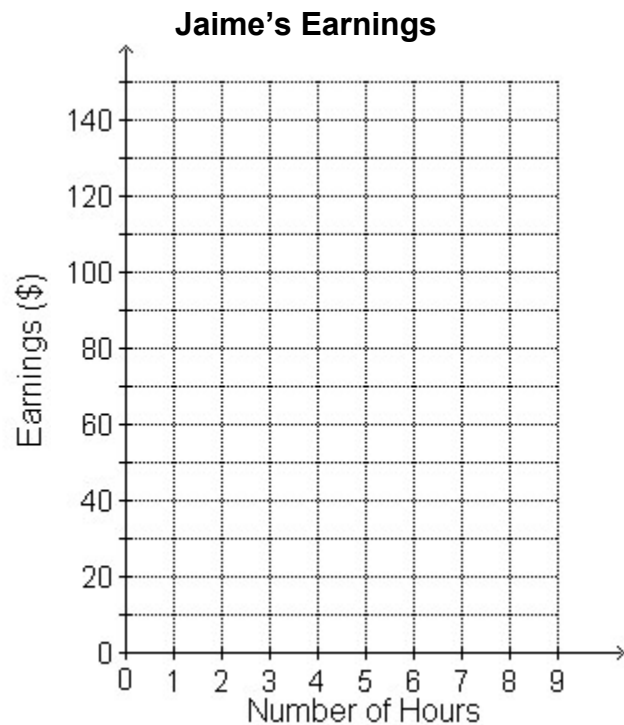
Jaime earns \$10 per hour.

Write an equation in terms of Earnings, E , and hours worked, h , to represent this situation.

Equation: _____

Complete the table. Graph the data and connect the plotted points.

Hours	Earnings
1	
3	
	\$40
6	
	\$90



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4.  Use pencil and paper to answer the question.

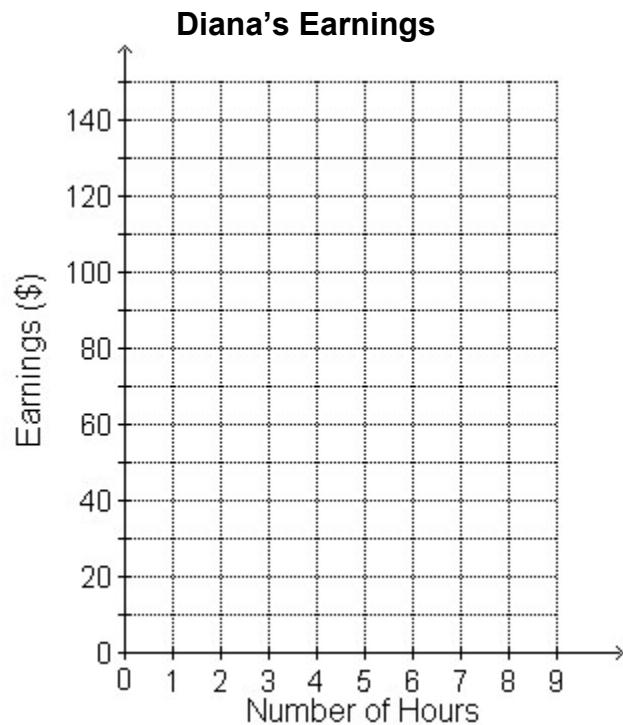
Diana earns \$10 per hour.

Write an equation in terms of Earnings, E , and hours worked, h , to represent this situation.

Equation: _____

Complete the table. Graph the data and connect the plotted points.

Hours	Earnings
1	
3	
	\$60
7	
	\$90



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5.  Use pencil and paper to answer the question.

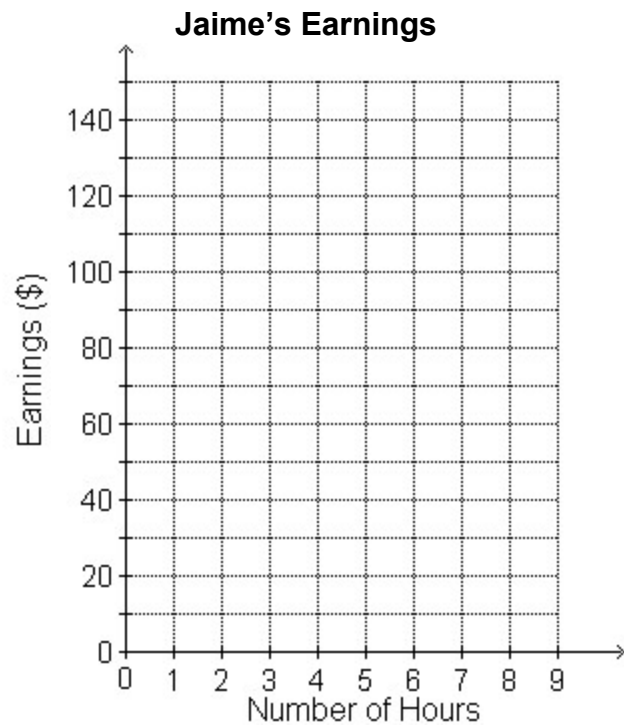
Jaime earns \$13 per hour.

Write an equation in terms of Earnings, E , and hours worked, h , to represent this situation.

Equation: _____

Complete the table. Graph the data and connect the plotted points.

Hours	Earnings
1	
3	
	\$52
5	
	\$104

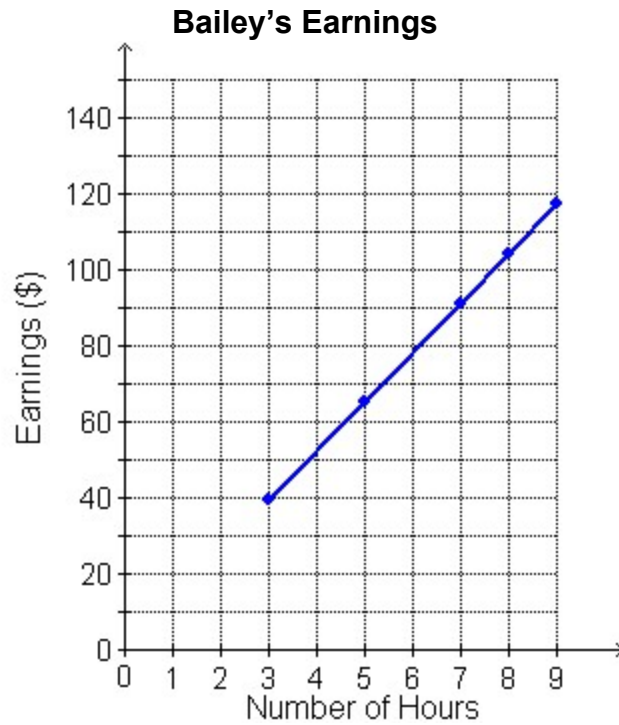


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Answer Key

1. Equation: $E = 13 * h$

Hours	Earnings
3	\$39
5	\$65
7	\$91
8	\$104
9	\$117

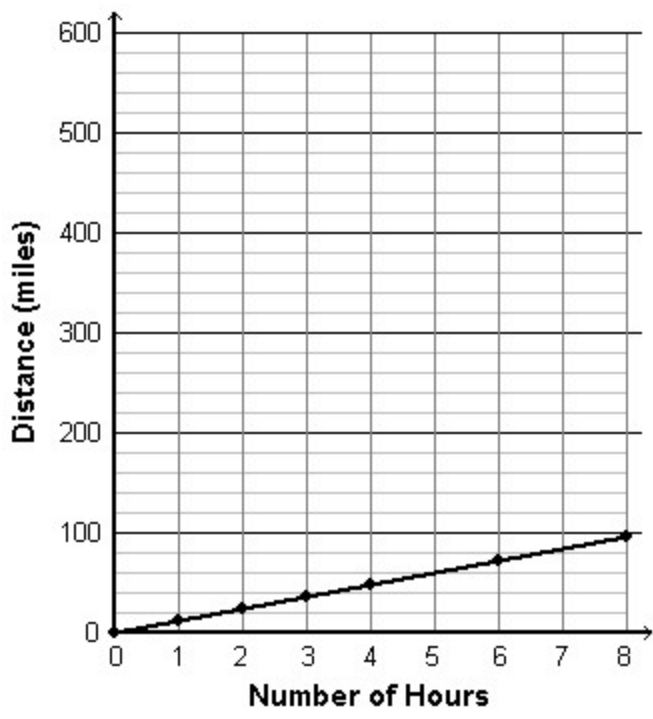


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2. Equation: $d = 12 * t$

Hours	Miles
0	0
1	12
2	24
3	36
4	48
6	72
8	96

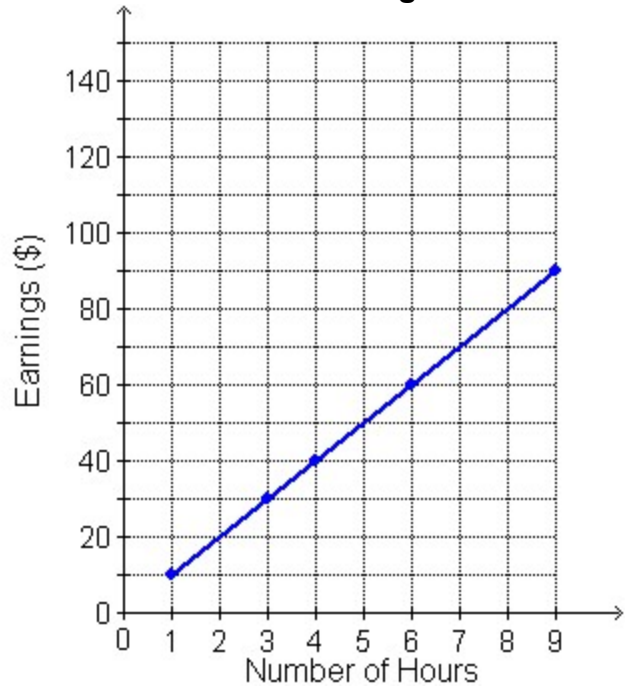
Your Biking Trip



3. Equation: $E = 10 * h$

Hours	Earnings
1	\$10
3	\$30
4	\$40
6	\$60
9	\$90

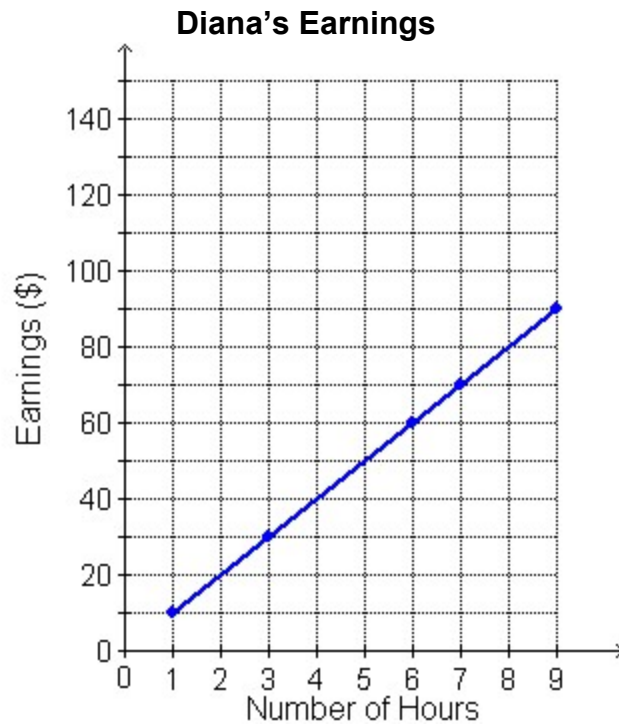
Jaime's Earnings



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4. Equation: $E = 10 * h$

Hours	Earnings
1	\$10
3	\$30
6	\$60
7	\$70
9	\$90



5. Equation: $E = 13 * h$

Hours	Earnings
1	\$13
3	\$39
4	\$52
5	\$65
8	\$104

