

Practice Assessment

Practice provides practice and allows you to self-reflect on your conceptual understanding of the *Lesson* skills. You will mark your work for *Practice* in each *Workbook* according to the following rubric.

Category	Strategy and Procedures	Response to Questions
	<i>I have...</i>	<i>I have...</i>
4	<ul style="list-style-type: none"> used efficient and effective strategies to solve the problem(s) 	<ul style="list-style-type: none"> provided detailed explanations and followed directions appropriately to complete all questions
3	<ul style="list-style-type: none"> used effective strategies to solve the problem(s) 	<ul style="list-style-type: none"> provided clear explanations and followed directions adequately to complete most questions
2	<ul style="list-style-type: none"> used effective strategies inconsistently to solve the problem(s) 	<ul style="list-style-type: none"> provided incomplete explanations and followed some directions to complete a few questions
1	<ul style="list-style-type: none"> used ineffective strategies to solve the problem(s) 	<ul style="list-style-type: none"> provided incomplete explanations and have not followed directions to complete some questions

Complete *Practice* exercises using your best work, showing all relevant steps needed to arrive at your solution. Refer to the *Module* to review lesson instructions. Contact your teacher for assistance or clarification as needed, or to investigate the topic further.

Check and correct your work using the solutions provided in *Appendix* in the *Module*.

Practice is worth 8 marks.

After you have assessed your work, reflect on your understanding of the concepts addressed in the *Practice* exercises in the table provided.

Lesson 6.3: Linear Relations

Complete the *Practice* below. When you have completed all the questions for *Lesson 6.3 Practice – III* with your best work, mark your work by first comparing your answers to the solutions provided in the *Appendix*. Then, apply the rubric found at the beginning of the *Workbook*.



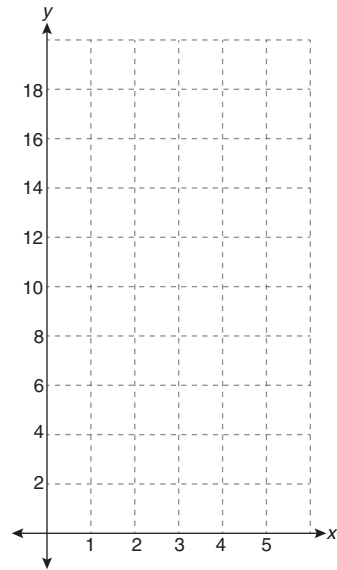
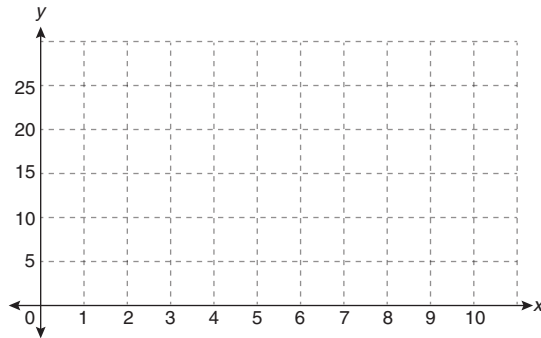
Practice – III

1. a. Given the following tables of values, determine the pattern in the values for each variable.

Table 1	
x	y
3	5
5	10
7	15
9	20

Table 2	
a	b
1	1
2	5
3	9
4	16

b. Graph the relation represented in each table of values.



c. Explain whether the relations are linear.

2. a. Determine the slope of the line that passes through the points
- i. $B(4,-4)$ and $C(-3,10)$

ii. $D(5,-6)$ and $E(5,3)$

iii. $G(2,-4)$ and $H(-3,-4)$

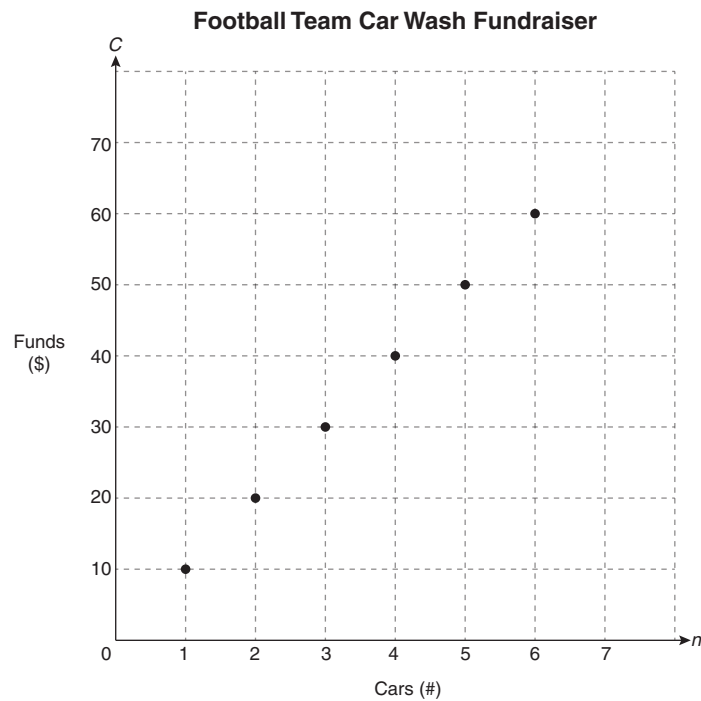
b. Describe what each line will look like when graphed.

i. _____

ii. _____

iii. _____

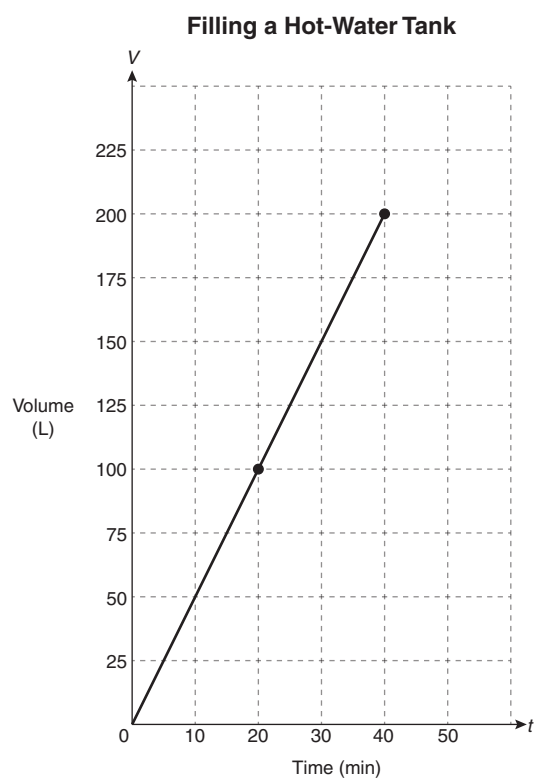
3. The graph shows the amount of money a high school football team made while hosting a car wash fundraiser.



- a. Describe the pattern that indicates the graph represents a linear relation.

- b. If the team earned \$250, how many cars did they wash?

4. The relation representing a 200 L hot-water tank being filled at a constant rate is shown in the graph below. Determine the rate of change of the relation.



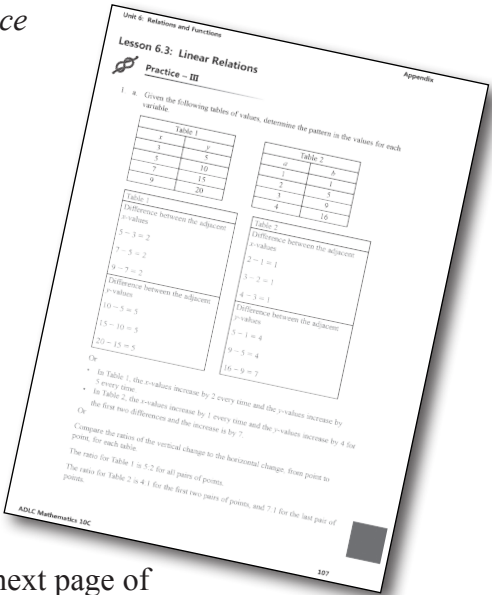
Mark your work for *Lesson 6.3 Practice – III* using the solutions provided in the *Appendix*. Then, apply the rubric found at the beginning of the *Workbook*.

Transfer your self-assessed mark to the front cover of the *Workbook*.

My self-assessed mark on *Lesson 6.3 Practice – III* is _____.

Reflect on your understanding of the concepts addressed in the *Practice* exercises in the table provided.

Question Number	Got it!	Almost there...	Need to retry or ask for help.
1			
2			
3			
4			



You may proceed to *Explore Your Understanding Assignment* on the next page of this *Workbook*.

Note: Before you complete *Explore Your Understanding*, you may review your skills and get more practice by completing the following problems in *Mathematics 10*.

- Page 287, #1, 5, 7, 8, 11, and 12
- Page 325, #1, 2, 3a, 3c, 3f, 5, 6, 8, and 9
- Page 331, #4a, 4b, 4d, 4e, and 5

Check your work in *Enhance Your Understanding*.

