

**2<sup>nd</sup> trimester**  
**5th#5**

**Multiple Choice**

*Identify the letter of the choice that best completes the statement or answers the question.*

\_\_\_\_\_ 1. Which of the following is the solution to  $4m = 48$ ?

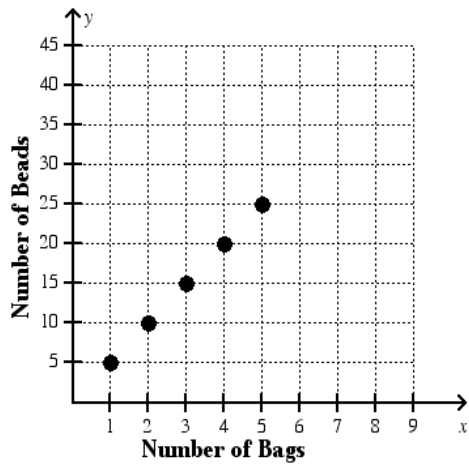
a.	$m = 6$	c.	$m = 44$
b.	$m = 12$	d.	$m = 52$

\_\_\_\_\_ 2. The following table shows the number of parents needed to accompany a class on a field trip. What is the rule for the table?

<b>Number of Students</b>	<b>Number of Parents</b>
16	2
24	3
32	4
40	5

a.	Divide by 8	c.	Add 8
b.	Multiply by 8	d.	Subtract 8

3. Anthony is making clay beads to sell at the farmer's market. He packages them in bags before going to the market. Which of the following tables properly displays the relationship between the number of bags and beads as shown in the graph?



a.	<table border="1"> <thead> <tr> <th><math>x</math></th> <th><math>4x</math></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4</td> </tr> <tr> <td>2</td> <td>8</td> </tr> <tr> <td>3</td> <td>12</td> </tr> <tr> <td>4</td> <td>16</td> </tr> <tr> <td>5</td> <td>20</td> </tr> </tbody> </table>	$x$	$4x$	1	4	2	8	3	12	4	16	5	20	c.	<table border="1"> <thead> <tr> <th><math>x</math></th> <th><math>6x</math></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>6</td> </tr> <tr> <td>2</td> <td>12</td> </tr> <tr> <td>3</td> <td>18</td> </tr> <tr> <td>4</td> <td>24</td> </tr> <tr> <td>5</td> <td>30</td> </tr> </tbody> </table>	$x$	$6x$	1	6	2	12	3	18	4	24	5	30
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## **2<sup>nd</sup> trimester**

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### **Answer Section**

#### **MULTIPLE CHOICE**

1. ANS: B                      REF: 0215 Lesson 2-15: Solving Equations  
OBJ: Solve equations using mental mathematics and by guessing and testing values for the variable.                      TOP: Intervention J21: Equations, NCTM 3-5: Alg.2.2  
KEY: equations, mental math, whole numbers, algebra
2. ANS: A                      REF: 0214 Lesson 2-14: Find a Rule  
OBJ: Identify patterns and find a rule for the pattern.  
TOP: Intervention J13: Variables and Tables, NCTM 3-5: Alg.1.2, NCTM 3-5: Alg.2.2  
KEY: patterns, division, whole numbers, algebra
3. ANS: D                      REF: 0315 Lesson 3-15: Rules, Tables, and Graphs  
OBJ: Create a table of values for a rule and a graph based on the table, and use the table or graph to give the output for an input.  
TOP: Intervention J13: Variables and Tables, NCTM 3-5: Alg.1.2, NCTM 3-5: Alg.2.2, NCTM 3-5: Geom.2.2                      KEY: expressions, graphs, tables, whole numbers