

Name: _____

Date _____

Topic : Intuitive Notion of Dilation- Worksheet 1

Do the following:

1. The width of a cricket bat is 9 inches. Under a dilation of scale factor, 5. What is the width of the bat?
2. A window image is 30 cm wide. After dilation, it is 180 cm wide. The scalar factor for this dilation is:
3. The length of Table is 50 inches. Under a dilation of scale factor 8. What is the length of the table?
4. A door image is 20 cm wide. After dilation it is 120 cm wide. The scalar factor for this dilation is:
5. The width of a image is 25 inches. Under a dilation of scale factor 5, What is the width of the image?
6. A stick is 28 cm lengthy. After dilation, it is 12 cm lengthy. The scalar factor for this dilation is:

Identify the graph shows Transformations: Dilation is true or false.

7.



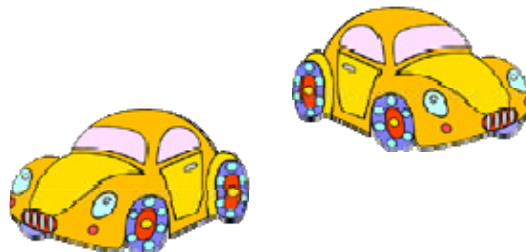
8.



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Name: _____

Date _____

Topic: Intuitive Notion of Dilation- Worksheet 2

Do the following:

1. If the length of the plastic cover is 25 inch under the scale factor of the Dilation is 8. What is the width of the plastic cover after Dilation?
2. The length of plastic cover is 20 inches. Under a dilation of scale factor 10. What is the length of plastic Cover?
3. A playground is 15 cm wide. After dilation, it is 150 cm wide. What is the scale factor for this dilation?
4. A room image is 30 cm wide. After dilation it is 140 cm wide. The scalar factor for this dilation?
5. The width of an image is 25 inches. Under a dilation of scale factor 9, What is the width of the image?
6. A rope is 34 cm lengthy. After dilation, it is 9 cm lengthy. The scalar factor for this dilation is:

Identify the graph shows Transformations: Dilation is true or false.



Name: _____

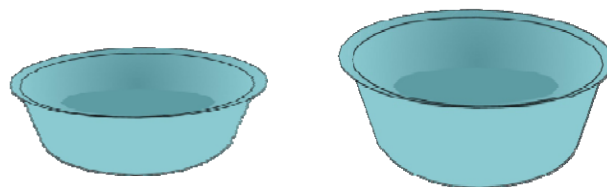
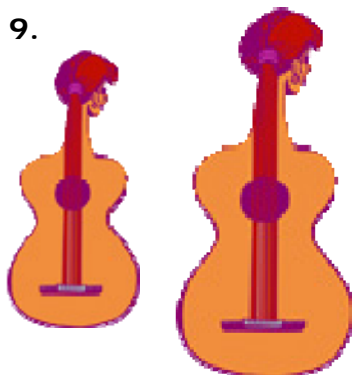
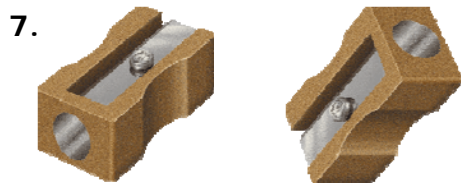
Date _____

Topic : Intuitive Notion of Dilation- Worksheet 3

Do the following:

1. If the length of the plastic cover is 18 inch under the scale factor of the Dilation is 9. What is the width of the plastic cover after Dilation?
2. The length of plastic cover is 16 inches. Under a dilation of scale factor 8. What is the length of plastic Cover?
3. A playground is 20 cm wide. After dilation, it is 147 cm wide. What is the scale factor for this dilation?
4. A room image is 26 cm wide. After dilation it is 153 cm wide. The scalar factor for this dilation?
5. The width of an image is 25 inches. Under a dilation of scale factor 9, What is the width of the image?
6. A rope is 34 cm lengthy. After dilation, it is 9 cm lengthy. The scalar factor for this dilation is:

Identify the graph shows Transformations: Dilation is true or false.



Name: _____

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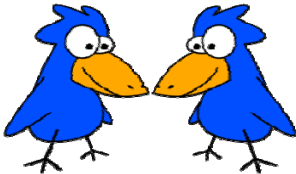
Topic : Intuitive Notion of Dilation- Worksheet 4

Do the following:

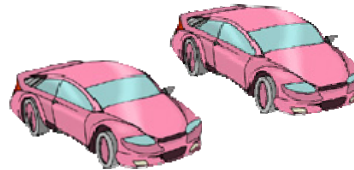
1. If the length of the plastic cover is 32 inch under the scale factor of the Dilation is 6. What is the width of the plastic cover after Dilation?
2. The length of plastic cover is 15 inches. Under a dilation of scale factor 7. What is the length of plastic Cover?
3. A ground is 29 cm wide. Under dilation, it is 6 cm wide. What is the scale factor for this dilation?
4. A room image is 11 cm wide. After dilation it is 120 cm wide. The scalar factor for this dilation?
5. The width of an image is 21 inches. Under a dilation of scale factor 6, What is the width of the image?
6. A rope is 24 cm lengthy. After dilation, it is 4 cm lengthy. The scalar factor for this dilation is:

Identify the graph shows Transformations: Dilation is true or false.

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Name: _____

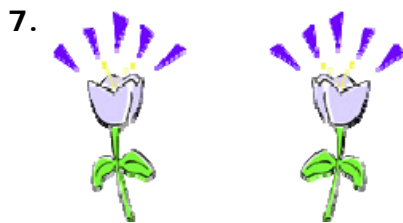
Date _____

Topic : Intuitive Notion of Dilation- Worksheet 5

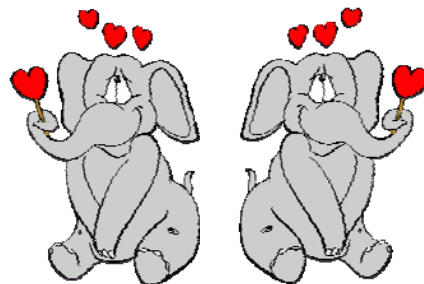
Do the following:

1. If the length of the wood cover is 17 inch. After dilation it is 178. What is the length of the wood cover?
2. The length of plastic cover is 25 inches. Under a dilation of scale factor 5. What is the length of plastic Cover?
3. A school is 159 cm wide. Under dilation, it is 12 cm wide. What is the scale factor for this dilation?
4. A room image is 16 cm wide. After dilation it is 167 cm wide. The scalar factor for this dilation?
5. The width of an image is 22 inches. Under a dilation of scale factor 8, What is the width of the image?
6. A rope is 52 cm lengthy. After dilation, it is 9 cm lengthy. The scalar factor for this dilation is?

Identify the graph shows Transformations: Dilation is true or false.



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