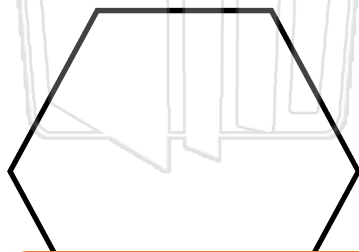




Name _____ Class _____ Date _____

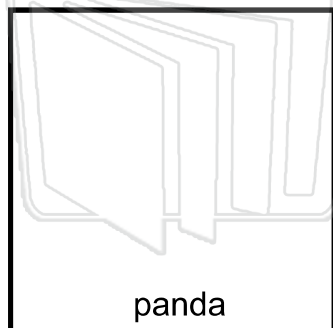
Materials: 1 cm blocks, string.

Spacy Sam loves exploring spaces. On a recent trip to the zoo he noticed that the enclosures came in all shapes and sizes. He decided to trace the models of some of the enclosures from the sign at the front. Use Spacy Sam's models below to help answer the questions on the next page.

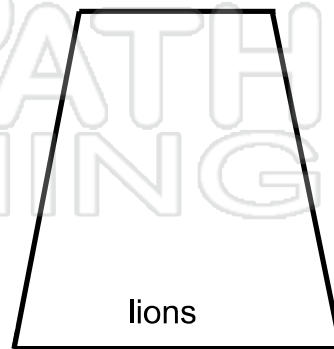


PREVIEW

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panda



lions



Name _____ Class _____ Date _____

1. Using 1 cm blocks, find the area of the enclosures.
Hint: Make sure all the space is covered and then count the number of cubes you needed.
2. Which shape has the smallest area?
3. Using the string, find a way to measure the distance around each enclosure. This distance is known as the perimeter. Draw a line the same length as the perimeter for each enclosure.
Hint: Use the string to measure the distance and mark off the length. The first one has been done for you.

elephant: _____

PREVIEW

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tiger: _____

4. Which enclosure is shaped like a hexagon?
5. Name the shape of the giraffe's enclosure.





Name _____ Class _____ Date _____

- Using 1 cm blocks, find the area of the enclosures.
Hint: Make sure all the space is covered and then count the number of cubes you needed.
- Which shape has the smallest area? *Answers will vary.*
- Using the string, find a way to measure the distance around each enclosure. This distance is known as the perimeter. Draw a line the same length as the perimeter for each enclosure.
Hint: Use the string to measure the distance and mark off the length. The first one has been done for you.

elephant: _____

PREVIEW

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tiger: _____

- Which enclosure is shaped like a hexagon? *Elephant*
- Name the shape of the giraffe's enclosure. *Oval*

