

How Big is Big?

Use this table to keep track of your measurements and to calculate sizes for your models.

What scale are you using? _____

How will you convert from measurements on the **real organism** to measurements on the **model**?

multiply divide by _____
(circle one)

How will you convert from measurements on the **model** to measurements on the **real organism**?

multiply divide by _____
(circle one)

| Real Organism to Model | | | |
|--|---|---|----------------------------------|
| Description of Measurement <i>(length, height, etc.)</i> | Measurement of the Real Organism | Conversion <i>(multiply or divide?)</i> | Measurement for the Model |
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| | | | |

Name _____

Date _____

Check out the models created by your classmates. Use this table to record measurements from at least one model and calculate how big the real animal would be.

| Model to Real Organism | | | |
|--|-----------------------------------|---|---|
| Description of Measurement <i>(length, height, etc.)</i> | Measurement from the Model | Conversion <i>(multiply or divide?)</i> | Measurement of the Real Organism |
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Which model is the largest? Which is the smallest?

Are you surprised by the size of any of the animals? Why do you find it surprising?

Name _____

Date _____