Mapping Rain Forest Trails

A Rain Forest Trails Model
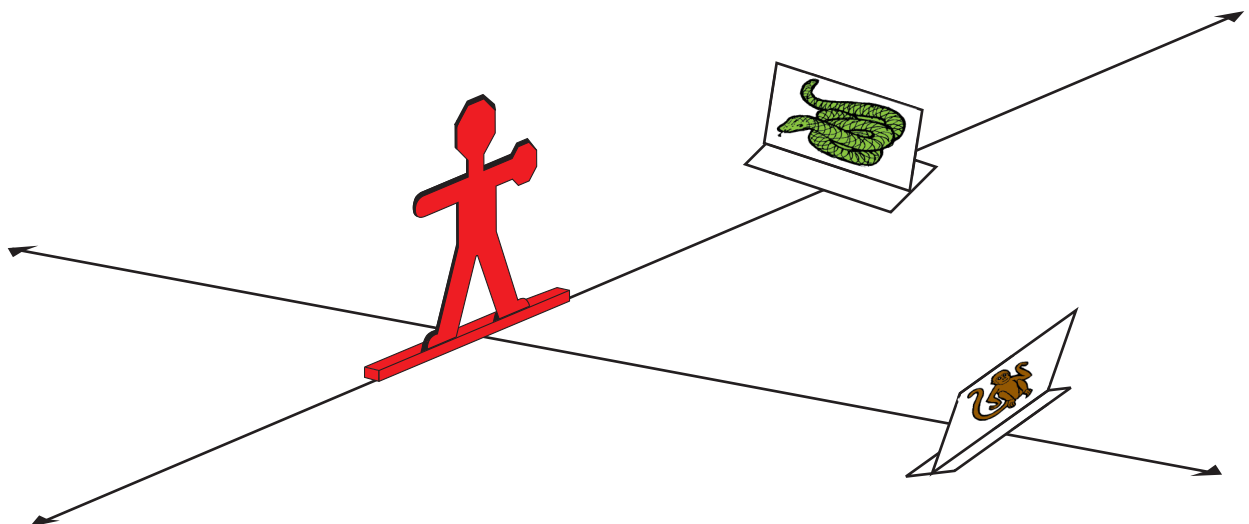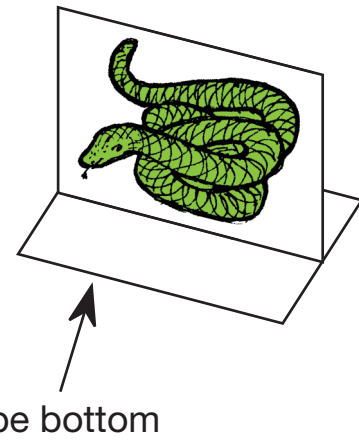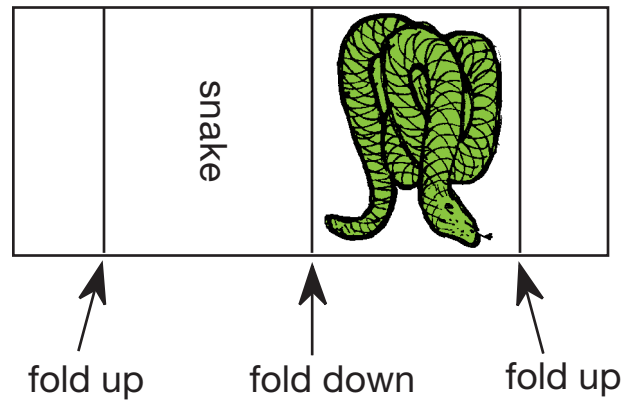
This is how you fold your rain forest animals.

Place the animals crosswise on the axes trails.

Tape the parrot and the snake to Mr. Origin's right.

Tape the turtle to Mr. Origin's left.

Make sure there is at least one animal in every direction from Mr. Origin.

snake

fold up   fold down   fold up
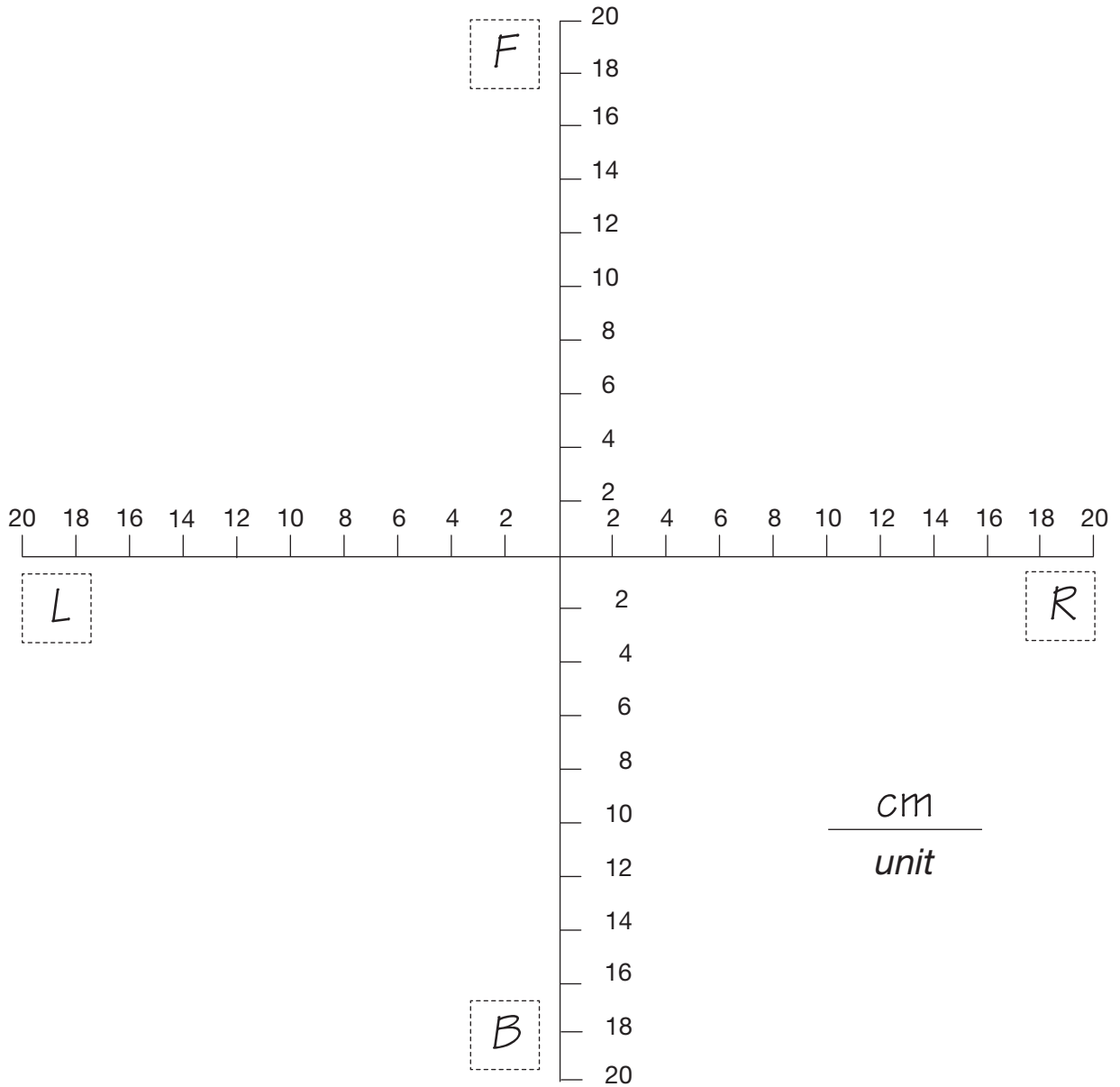
tape bottom

Location: Distance and Direction

1. Work with your group. Record the location of each animal on your assigned Rain Forest Trails model in the data table. Write the model number in the title of the data table.

Rain Forest Trails Model_____

Animal	Distance (in cm)	Direction
armadillo		
spider monkey		
howler monkey		
parrot		
turtle		
snake		

Map the Rain Forest Trails

2. Look at the Rain Forest Trails Model data table. Use it to show where each animal is on the map.

F

| 20 |
| 18 |
| 16 |
| 14 |
| 12 |
| 10 |
| 8 |
| 6 |
| 4 |
| 2 |

20 18 16 14 12 10 8 6 4 2 | 2 4 6 8 10 12 14 16 18 20

L

R

| 2 |
| 4 |
| 6 |
| 8 |
| 10 |
| 12 |
| 14 |
| 16 |
| 18 |
| 20 |

$$\frac{cm}{unit}$$

B

Explore Rain Forest Trails Data

3. A. Use your map or data table. Predict how far the parrot is from the turtle.

_____

B. How did you find the answer? _____

C. Measure the distance from the parrot to the turtle. Is your answer the same as your prediction?

_____

4. A. What animal is the farthest from the front of Mr. Origin?

_____

B. How far from his front is it? _____

5. A. What animal is the farthest from the back of Mr. Origin?

_____

B. How far from his back is it? _____

6. What is the distance between these two animals?

_____

7. How far is the turtle from the snake?

_____