

Name _____ Class _____ Date _____

Chapter 17 Animal Behavior

Use after Section 17-2.

Learning Behavior

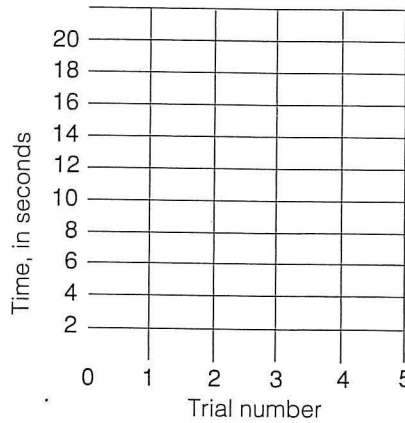
Purpose: To examine learning behavior.

Materials: Paper; pencil; scissors; timepiece with second hand

Procedure and Observations

1. Cut out the 4 shapes at the bottom of this activity sheet.
2. Have your partner time how fast you can arrange the 4 shapes to form a perfect square.
NOTE: The person doing the timing should not watch the other person arrange the shapes.
3. Record your time in the table below under the heading *Trial 1*.

		Time, in seconds				
		Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
Your name	_____					
Your partner's name	_____					



4. Your partner should try the puzzle next. Record your partner's time.
5. Repeat Steps 2–4 until you each have made 5 attempts. Record the time for each trial.
6. Graph the data from the chart on the grid above.

Analysis and Conclusions

1. How was the time it took to complete the puzzle affected by the number of trials? _____
2. What could be a reason for the changes you noticed as you completed the puzzle more times?

3. Using your graph, predict what your time would be, in seconds, if you tried the puzzle a sixth time. _____
Try the puzzle a sixth time. What was your time in seconds? _____

