



Day 7

Math Time Test  
Long Division with Remainders  
4G

Name:

$$9 \overline{) 47}$$

$$7 \overline{) 52}$$

$$6 \overline{) 59}$$

$$4 \overline{) 58}$$

$$5 \overline{) 89}$$

$$2 \overline{) 39}$$

$$8 \overline{) 127}$$

$$3 \overline{) 562}$$

$$6 \overline{) 359}$$

$$7 \overline{) 747}$$

$$9 \overline{) 729}$$

$$4 \overline{) 456}$$



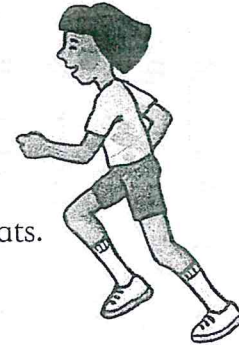
## The pulse of life

### Background knowledge

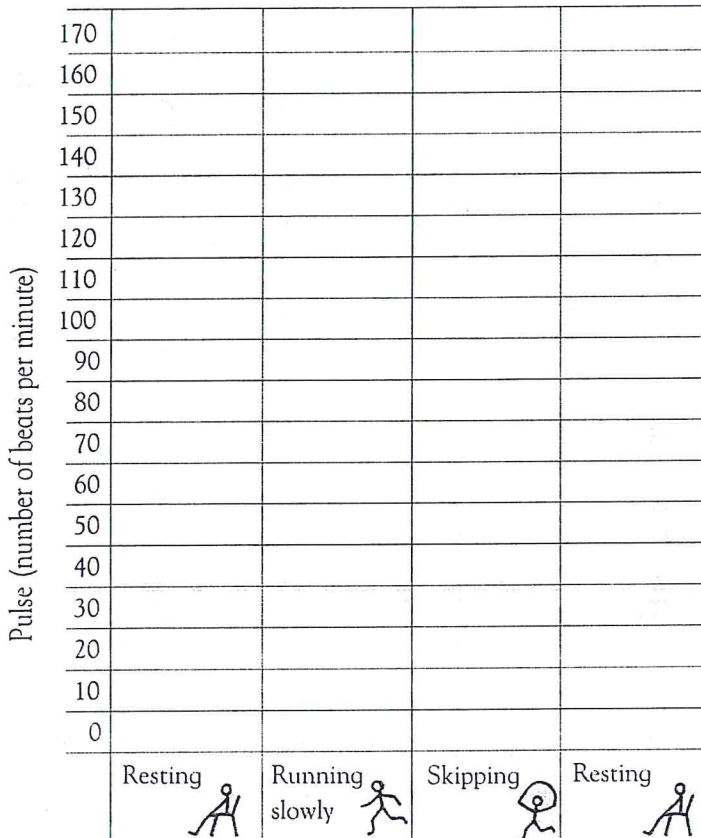
When your heart beats, it pumps blood to parts of your body through vessels called *arteries* and *veins*. Arteries carry blood away from your heart to the rest of your body, while veins return blood to your heart. Where an artery crosses a bone, you can press a finger against your skin to feel the blood pumping. This is called your pulse. It is a measure of how fast your heart is beating. A child's pulse is usually about 70 to 80 beats per minute.

### Science activity

A doctor found that a girl's pulse was 80 beats per minute. After running slowly for 1 minute, her pulse went up to 120 beats per minute. After skipping for another minute, her pulse was 170 beats. After resting for 2 minutes, her pulse was 140 beats.

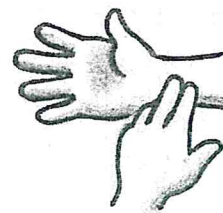


Using the chart below, draw a bar graph of the results.  
What effect does exercise have on the girl's pulse?



### Science investigation

Find your pulse by pressing your first two fingers against the underside of your wrist, below the thumb. Design and conduct an experiment to see how your pulse rate changes after exercise.





Day 1

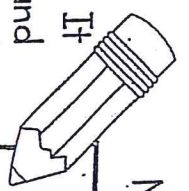
### Insects for Dinner

Would you eat crickets for dinner? It might not sound good to you, but around 2 billion people worldwide eat insects! Eating insects is called entomophagy and there are many good reasons to do it.

First off, insects are really good for you! They are packed with protein. By weight, crickets and termites have more protein than beef.

Second, raising insects cost less and is better for the earth than raising cows and other livestock. Insects take up much less space and need much less food and water than cows. Also, you can eat more parts of an insect than other animals. Insects also reach their adult size quickly. It does not take much time to raise insects to eat.

Third, insects taste good! Many types of insects taste a little nutty. Some kinds of bugs taste like bacon, while others may taste like fish, or even fruit. Some insects, such as meal worms, don't have much of a taste at all. They pick up the flavors of whatever they are cooked with. So, what are you waiting for? Why not try a beetle today?



Name \_\_\_\_\_ Date \_\_\_\_\_

### Show What You Know



1. What is entomophagy?

\_\_\_\_\_

2. Give three reasons why raising insects is better than raising livestock.

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

3. What is the author's purpose?

a) to persuade    b) to inform    c) to entertain

Give evidence from the text to support your answer:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Would you try eating insects? Why or why not?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_