

# DECIMALS OFF THE COURT

Decimals play a part in the lives of players off the basketball court, too. Circle the right decimal numerals to match the word version of each number.

1. Naomi snacks on an energy bar that weighs five and twelve hundredths ounces. This is:

a. 5.012  
b. 0.512  
c. 5.12

2. After every practice, she drinks two and seven hundredths liters of water. This is:

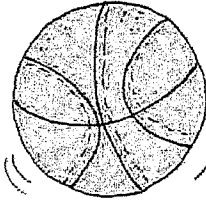
a. 2.70  
b. 20.7  
c. 2.07

3. When she launders her uniform, it takes twenty-three and seven hundredths minutes for the shorts to dry. This is:

a. 23.70  
b. 23.07  
c. 23.7

4. Naomi weighs one hundred twenty-two and eight tenths pounds. This is:

a. 122.8  
b. 122.08  
c. 122.008



Whooooosh!

5. The exact mileage to the gym from Naomi's home is four and fifty-five thousandths miles. This is:

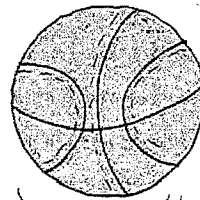
a. 4.0055  
b. 4.0505  
c. 4.055

6. Naomi eats a scrambled egg every morning. It takes the egg two and seven hundredths minutes to cook. This is:

a. 20.7  
b. 2.007  
c. 2.07

7. When she goes out for a walk, her stride is two and sixty-six thousandths feet. This is:

a. 2.066  
b. 0.266  
c. 2.66



8. Her pet dachshund is exactly fourteen and fourteen ten-thousandths inches long. This is:

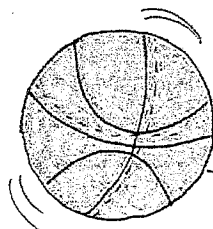
a. 14.14  
b. 14.014  
c. 14.0014

9. She is the taller than any other member of her basketball team by three and ninety-two thousandths inches. This is:

a. 3.92  
b. 3.092  
c. 3.0092

10. Naomi can eat a small pizza in six and one hundred four ten-thousandths minutes. This is:

a. 6.0104  
b. 6.104  
c. 6.14

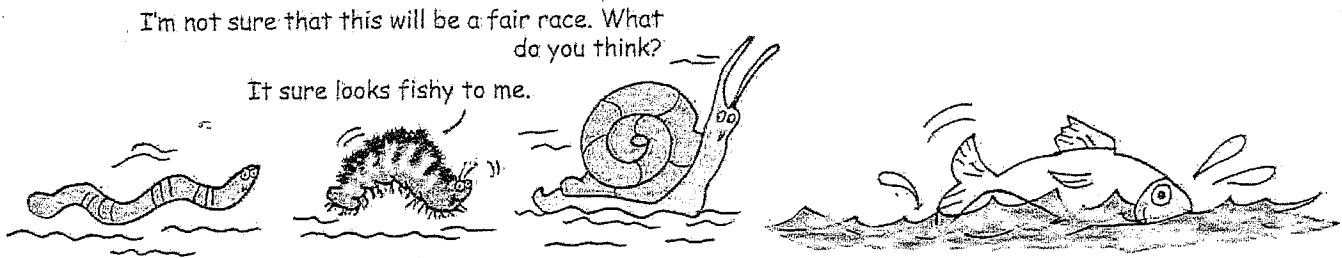


Name \_\_\_\_\_

# EVENTS OF SPEED

Enjoy reading these fascinating speed facts.

Then complete the table by writing (in words) the value of the place of the identified digit.



| Event                               | Speed            | Digit    | Value of the Place |
|-------------------------------------|------------------|----------|--------------------|
| 1. Fastest cycling in snow          | 212.139 k/h      | 9        |                    |
| 2. Fastest yacht speed              | 53.56 mi/h       | 6        |                    |
| 3. Fastest air speed                | 2193.17 mi/h     | 9        |                    |
| 4. Fastest land speed               | 763.035 mi/h     | 5        |                    |
| 5. Fastest skydiving speed          | 325.67 mi/h      | 6        |                    |
| 6. Fastest un-paced 1-km cycling    | 58.875 k/sec     | 7        |                    |
| 7. Fastest 100 meters on a unicycle | 29.72 k/h        | 9        |                    |
| 8. Fastest avalanche speed          | 402.3 k/h        | 4        |                    |
| 9. Fastest passenger elevator       | 22.72 mi/h       | 7        |                    |
| 10. Caterpillar speed               | 38.1 cm/sec      | 3        |                    |
| 11. Fastest fish (sailfish)         | 1.1444 mi/min    | 4 (last) |                    |
| 12. Fastest man (Tim Montgomery)    | 10.22494 m/sec   | 9        |                    |
| 13. Fastest worm-eating             | 3.1333 worms/sec | 1        |                    |
| 14. Fastest sheep-shearing          | 58.25 sheep/h    | 8        |                    |
| 15. Snail speed                     | 0.05 k/h         | 0        |                    |

Name \_\_\_\_\_

# BY LEAPS AND BOUNDS

Sharpen your skills at identifying place value with these facts about some amazing jumpers. Tell the place value of the bold digit in each measurement.

1. In 1987, Stefka Kostadinova set the world high jump record for women with a **2.09** m jump.

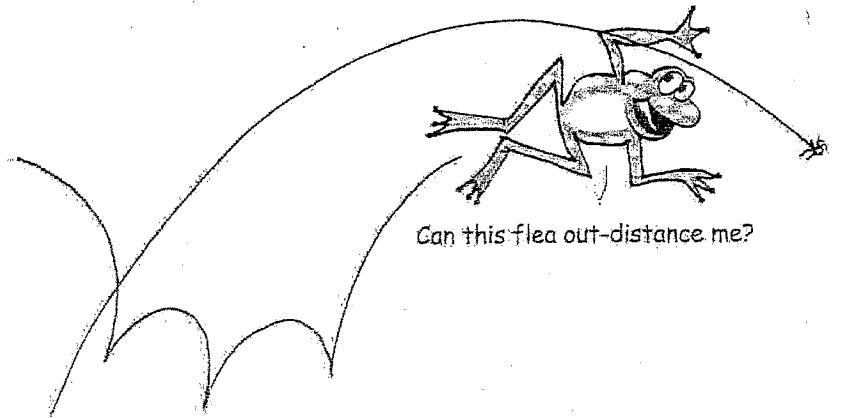
Place value of 9: \_\_\_\_\_

2. A 10 cm long desert rat can jump 46 times its body length—a distance of **4.572** m.

Place value of 2: \_\_\_\_\_

3. An Asian grasshopper can jump 18 times its body length—a distance of **4.572** m.

Place value of 5: \_\_\_\_\_



4. The common flea can jump 220 times its body size—a distance of **33.02** cm.

Place value of 0: \_\_\_\_\_

5. A goliath frog can jump 10 times its body length—a distance of **3.048** m.

Place value of 8: \_\_\_\_\_

6. **0.000385** What is the place value of the 8? \_\_\_\_\_
7. **79.703** What is the place value of the 0? \_\_\_\_\_
8. **500.7193** What is the place value of the 9? \_\_\_\_\_
9. **1996.05** What is the place value of the 1? \_\_\_\_\_
10. **300.902** What is the place value of the 9? \_\_\_\_\_
11. **4.00035** What is the place value of the 4? \_\_\_\_\_
12. **82,704.6** What is the place value of the 6? \_\_\_\_\_
13. **0.03728** What is the place value of the 2? \_\_\_\_\_
14. **1922.7** What is the place value of the 9? \_\_\_\_\_

Name \_\_\_\_\_