Name _____

Share and Show

Math Board

Write the place value of the underlined digit. Round each number to the place of the underlined digit.

1. 0.6$\underline{7}$3

2. 4.$\underline{2}$82

3. 1$\underline{2}$.917

Name the place value to which each number was rounded.

4. 0.982 to 0.98

5. 3.695 to 4

6. 7.486 to 7.5

On Your Own

Write the place value of the underlined digit. Round each number to the place of the underlined digit.

7. 0.$\underline{5}$92

8. $\underline{6}$.518

9. 0.8$\underline{0}$9

10. 3.$\underline{3}$34

11. 12.$\underline{0}$74

12. 4.4$\underline{9}$4

Name the place value to which each number was rounded.

13. 0.328 to 0.33

14. 2.607 to 2.61

15. 12.583 to 13

Round 16.748 to the place named.

16. tenths _____

17. hundredths _____

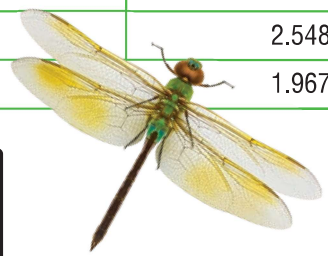
18. ones _____

19. WRITE Math Explain what happens when you round 4.999 to the nearest tenth. _____

Problem Solving · Applications

Use the table for problems 20–22.

Insect Speeds (meters per second)	
Insect	**Speed**
Dragonfly	6.974
Horsefly	3.934
Bumblebee	2.861
Honeybee	2.548
Housefly	1.967



20. The speeds of two insects when rounded to the nearest whole number are the same. Which two insects are they?

_____

21. What is the speed of the housefly rounded to the nearest hundredth?

_____

22. Mark said that the speed of a dragonfly rounded to the nearest tenth was 6.9 meters per second. Is he correct? If not, what is his error?

_____

_____

_____

MATH on the Spot

23. MTR A rounded number for the speed of an insect is 5.67 meters per second. What are the fastest and slowest speeds to the thousandths that could round to 5.67 meters per second? Explain.

_____

_____

_____

_____

24. The price of a certain box of cereal at the grocery store is $0.258 per ounce. For 24a–24c, select True or False for each statement.

24a. Rounded to the nearest whole number, the price is $1 per ounce. ○ True ○ False

24b. Rounded to the nearest tenth, the price is $0.3 per ounce. ○ True ○ False

24c. Rounded to the nearest hundredth, the price is $0.26 per ounce. ○ True ○ False

Show the Math

Demonstrate Your Thinking