

Name: _____

Practice & Problem Solving



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In 19–27, find each sum or difference.

19. $2.17 - 0.8$

20. $4.3 + 4.16$

21. $46.91 - 28.7$

22. $4.815 + 2.17$

23. $5.1 - 0.48$

24. $27 + 0.185$

25. $9.501 - 9.45$

26. $14 + 9.8$

27. $12.65 + 14.24$

In 28–33, find each product.

28. 7×0.5

29. 12×0.08

30. 24×0.17

31. 0.4×0.17

32. 1.9×0.46

33. 3.42×5.15

34. Write an equation that illustrates the following:
A number with two decimal places multiplied by a number with one decimal place. The product has only two nonzero digits.

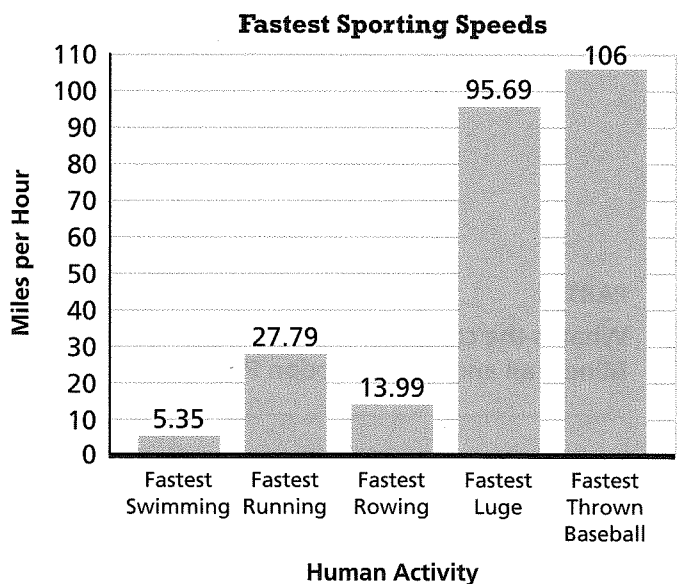
35. The Bright-O Shampoo Factory includes 1.078 ounces of vanilla oil in a 6.35-ounce bottle of shampoo. How much of the bottle of shampoo is **NOT** vanilla oil?

In 36–38, use the graph to solve.

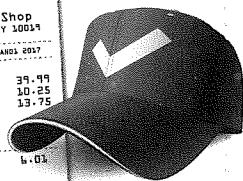
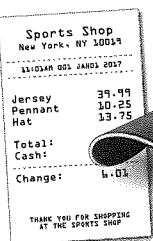
36. The fastest speed a table tennis ball has been hit is about 13.07 times as fast as the speed for the fastest swimming. What is the speed for the table tennis ball?

37. **Look for Relationships** How fast would 1.5 times the fastest rowing speed be? Before you solve, tell the number of decimal places in your answer.

38. Which activity has a recorded speed about 7 times as fast as the fastest rowing speed?



39. Matthew bought a jersey, a pennant, and a hat. He paid with a \$50 bill and some money he borrowed from his friend. If Matthew got \$6.01 in change from the cashier, how much did he borrow from his friend to pay for all the items?

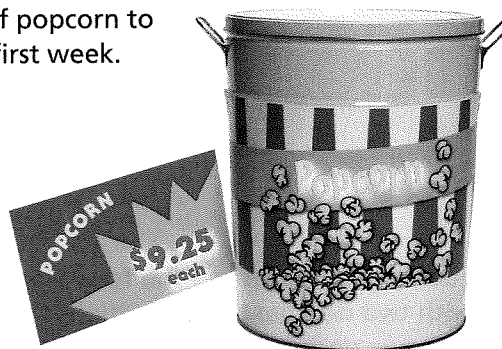


40. Anna's running time for a race was 23.1 seconds. Another runner's time was 5.86 seconds faster. Find the other runner's time.

41. **Higher Order Thinking** Explain why 0.25×0.4 has only one decimal place in the product.

42. The wings of some hummingbirds beat 52 times per second when hovering. If a hummingbird hovers for 35.5 seconds, how many times do its wings beat?

43. The students at Walden Middle School are selling tins of popcorn to raise money for new uniforms. They sold 42 tins in the first week. How much money did they make in the first week?



Assessment Practice

44. Use the information in the table to solve each problem. Use estimation to check that your answers are reasonable.

Trails in Joshua Tree National Park

Trail	Length (kilometers)
Lost Horse Mine	6.4
Lost Palms Oasis	11.6
Mastodon Peak	4.8
Skull Rock	2.7

PART A

What is the combined length of the Lost Horse Mine trail and the Mastodon Peak trail?

PART B

How much longer is the Lost Palms Oasis trail than the Skull Rock trail?

