

Name \_\_\_\_\_

Choose the correct answer.

1. Erin mailed 8 packages at the post office. Each package weighed 4.2 pounds. What was the total weight of the packages that Erin mailed?  
**A** 32.6 pounds  
**B** 33 pounds  
**C** 33.6 pounds  
**D** 34.6 pounds
2. Omar is making a scale model of the Statue of Liberty for a report on New York City. The Statue of Liberty is 305 feet tall, measuring from the ground to the tip of the torch. If the model is  $\frac{1}{100}$  of the actual size of the Statue of Liberty, how tall is the model?  
**A** 0.305 foot  
**B** 3.05 feet  
**C** 3.5 feet  
**D** 30.5 feet
3. At a tailor shop, it costs \$6.79 to shorten a pair of pants and \$9.25 to take in a dress. Lisa brought in 3 pairs of pants to be shortened and 1 dress to be taken in. How much will she pay for the tailoring?  
**A** \$16.04  
**B** \$20.37  
**C** \$27.16  
**D** \$29.62
4. Ariana is setting up a salt-water aquarium. The aquarium holds 24 gallons of salt water. If each gallon of salt water weighs 8.6 pounds, how much will the salt water in Ariana's aquarium weigh?  
**A** 20.64 pounds  
**B** 51.6 pounds  
**C** 206.4 pounds  
**D** 516 pounds

GO ON 

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**Chapter 4 Test**  
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5. Neal power walks to stay in shape. He follows a path that is 2.85 miles long. Last week, Neal power walked this path 6 times. How many miles did Neal power walk last week?
- A** 1.7 miles  
**B** 17.1 miles  
**C** 171 miles  
**D** 1,710 miles
6. Nicole needs to cut 1,000 pieces of ribbon so her friends can make bows for people who donate books to the library book sale. Each bow will use a piece of ribbon that is 0.75 meter long. How many meters of ribbon does Nicole need to buy?
- A** 7.5 meters  
**B** 75 meters  
**C** 750 meters  
**D** 7,500 meters
7. A scientist was studying the growth of rattlesnakes. A rattlesnake measured at birth was 18.5 centimeters long. After several months, the scientist recaptured and measured the rattlesnake again. It was 6.5 times as long as it was at birth. How long was the rattlesnake when the scientist measured it the second time?
- A** 12.025 centimeters  
**B** 25 centimeters  
**C** 103.6 centimeters  
**D** 120.25 centimeters
8. Melinda, Zachary, and Heather went to the mall to shop for school supplies. Melinda spent \$14.25 on her supplies. Zachary spent \$2.30 more than Melinda spent. Heather spent 2 times as much money as Zachary spent. How much did Heather spend on school supplies?
- A** \$4.60  
**B** \$16.55  
**C** \$28.50  
**D** \$33.10

**GO ON** 

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**Chapter 4 Test**  
**Page 3**

- 9.** Trevor was reading a book for a book report. Last week he read 35 pages of the book. This week, he read 2.5 times as many pages as he read last week. How many pages of the book has Trevor read this week?
- A** 30.5  
**B** 37.5  
**C** 85.5  
**D** 87.5
- 10.** The information booklet that came with Samil's computer says that the laptop uses about 0.5 kilowatt of electricity per hour. If electricity costs \$0.12 per kilowatt hour, how much does it cost to run the laptop for an hour?
- A** \$0.06  
**B** \$0.60  
**C** \$6.00  
**D** \$60.00
- 11.** Ella stopped at a farm stand to buy some peaches. Peaches cost \$1.35 per pound at the stand. Ella bought 4 peaches that weighed 1.6 pounds in total. How much did Ella pay for the peaches?
- A** \$0.95  
**B** \$2.16  
**C** \$2.95  
**D** \$21.60
- 12.** The school store ran out of notebooks. It placed an order for 100 notebooks. Each notebook costs \$3.75. How much did the order of notebooks cost the store?
- A** \$37.50  
**B** \$375  
**C** \$3,750  
**D** \$37,500

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**Chapter 4 Test**  
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**Write the correct answer.**

- 13.** Jonah drives his car to and from work. The total length of a trip to and from work is 19.2 miles. In August, Jonah worked 21 days. How many miles in all did Jonah drive to and from work that month?

**403.2 miles**

- 14.** Denise, Keith, and Tim live in the same neighborhood. Denise lives 0.3 mile from Keith. The distance that Tim and Keith live from each other is 0.2 times the distance between Denise and Keith. How far from each other do Tim and Keith live?

**0.06 mile**

- 15.** Mia and Kai want to rent a canoe at the boathouse on the river. It costs \$6.95 to rent a canoe for 1 hour. The price per hour stays the same for up to 3 hours of rental. After 3 hours, the cost decreases to \$4.50 per hour. How much would it cost Mia and Kai to rent a canoe for 4 hours?

**\$25.35**

- 16.** Ken and Leah are trying to answer a science homework question. They need to find how much a rock that weighs 4 pounds on Earth would weigh on Venus. They know they can multiply weight on Earth by 0.91 to find weight on Venus. What should Ken and Leah write as the answer?

**3.64 pounds**

**GO ON** 

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**Chapter 4 Test**  
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- 17.** Swati was doing research for a geography report about the Great Lakes. She read that the area of Lake Erie is  $4.98 \times 10^3$  square miles. How should she write the area of Lake Erie in standard form on her report?

**4,980 square miles**

- 18.** It costs the Sterns \$0.29 per load to wash 1 load of clothes in their washing machine. How much does it cost them to wash 31 loads of clothes?

**\$8.99**

- 19.** Mr. Lester needs to store 23 science books for his class on a shelf at the back of the classroom. Each science book is 2.6 centimeters thick. If Mr. Lester stacks the science books on top of each other on the shelf, how tall does the shelf have to be?

**59.8 centimeters**

- 20.** Tenley made a square frame for her painting. She used 4 pieces of wood that were each 2.75 feet long. How much wood did Tenley use in all to make the frame?

**11 feet**

**GO ON** 

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**Chapter 4 Test**  
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- 21.** Brianna is obtaining materials for a chemistry experiment. She gets a container that holds 0.15 liter of a yellow liquid from her teacher. Brianna needs to use 0.4 of this liquid for the experiment. How much yellow liquid will Brianna use?

**0.06 liter**

- 22.** Javier made 1.2 quarts of lemonade for the runners who passed his house while competing in a 5K race. His neighbor Jake made 0.75 times as much lemonade as Javier made. How much lemonade did Jake make?

**0.9 quart**

- 23.** Kendra raised \$28.95 in the walkathon. Ruthie raised \$16.50 more than Kendra. Bill raised 3 times as much money as Ruthie. How much did Bill raise in the walkathon?

**\$136.35**

- 24.** Nathan is mixing some liquid cleaner to wash the kitchen floor. He puts 0.35 quart of concentrated liquid cleaner in a bucket. Then he puts 10 times as much water as cleaner into the bucket. How much water did he add to the bucket?

**3.5 quarts**

- 25.** A builder buys 24.5 acres of land to develop a new community of homes and parks. He buys another property that has 0.62 times as many acres as the first property. How many acres of land are in the second property?

**15.19 acres**

**GO ON** 