

CH 3 TEST REVIEW

SCORE _____

Write the letter for the correct answer in the blank at the right of each question. For Exercises 1-4, what is the best estimate for each product or quotient?

1. 8.3×4.9
A. 40 B. 45 C. 48 D. 54 1. _____
2. 12.1×2.95
F. 22 G. 24 H. 36 I. 39 2. _____
3. $60.94 \div 5.7$
A. 5 B. 8 C. 10 D. 20 3. _____
4. $32.79 \div 8.1$
F. 1 G. 2 H. 3 I. 4 4. _____
5. A cat can jump five times as high as it is tall. How high could a cat jump if it is 16.4 centimeters tall?
A. 8.2 cm B. 82 cm C. 820 cm D. 8,200 cm 5. _____
6. The temperature in a city on a Monday was 78.3 degrees Fahrenheit. On Tuesday, the temperature was 87.1 degrees Fahrenheit. How much higher was the temperature on Tuesday?
F. 8 degrees H. 9.2 degrees
G. 8.8 degrees I. 9.8 degrees 6. _____
7. Bananas cost \$0.54 per pound and grapes cost \$1.28 per pound. Leanne bought 2.6 pounds of bananas and 3.1 pounds of grapes. How much did she pay for the bananas and grapes?
A. \$1.82 B. \$2.68 C. \$4.54 D. \$5.37 7. _____
8. A family travels 989.5 miles in 17.8 hours. Estimate the number of miles they can travel in one hour.
F. 25 miles G. 40 miles H. 50 miles I. 65 miles 8. _____
9. Callie has 1,012 beads. She wants to divide the beads evenly to make 22 necklaces. How many beads will be used for each necklace?
A. 22 beads B. 42 beads C. 46 beads D. 50 beads 9. _____
10. On Saturday, Hattie biked 3.2 hours at a speed of 12.5 miles per hour. On Sunday, she biked 2.5 hours at a speed of 14.3 miles per hour. How much farther did she bike on Saturday?
F. 3 miles H. 5.75 miles
G. 4.25 miles I. 14.51 miles 10. _____

Test, Form 2A *(continued)*

SCORE _____

11. What is the next term in the pattern shown below?
4.5, 9, 13.5, 18, ...

- A. 4.5 C. 22.5
B. 22.4 D. 23

11. _____

Divide.

12. $4.5 \overline{)38.7}$
F. 0.86 G. 8.6 H. 86 I. 860

12. _____

13. $604 \div 4$
A. 151 B. 160 C. 302 D. 600

13. _____

14. Ling bought 22 boxes of crayons for \$28.16. How much did she pay for each box of crayons?

14. _____

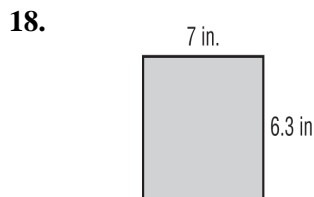
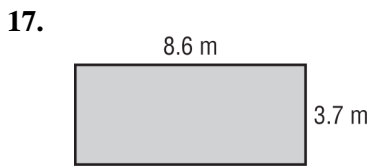
15. Evaluate $252.7 \div 19$.

15. _____

16. Determine the missing factor in $\square \times 4.2 = 16.8$.

16. _____

Find the area of each figure. (Hint: Use $A = \ell w$.)



17. _____

18. _____

19. Isidro wants to purchase a used scooter that costs \$79.95. The sales tax is found by multiplying the price of the scooter by 0.065. Find the total amount of money Isidro will pay. Round to the nearest cent.

19. _____

20. There are 632 students going on a school field trip. Each bus can carry 48 students. How many buses should the school reserve? Explain your reasoning.

20. _____

21. Mr. Shaw wants to replace the flooring his family room. The floor has an area of 262.8 square feet. If the room is 18 feet long, how wide is it? Justify your procedure.

21. _____

22. Nina's sister has 386 stickers that she wants to put in a book. Each page can hold 42 tickers. How many pages will she need? Explain your reasoning.

22. _____