

Test, Form 1A

Write the letter for the correct answer in the blank at the right of each question.

For Exercises 1–2, which is the best estimate for each product?

1. 6.8×2.3

- A. 7 B. 12 C. 14 D. 140

1. _____

2. 25.4×5.1

- F. 100 G. 125 H. 150 I. 175

2. _____

3. Alicia bought 3.8 pounds of cashews for \$15.74. About how much was the cost per pound?

- A. \$3 B. \$4 C. \$5 D. \$6

3. _____

4. Mr. Stanton bought 2.6 yards of fabric for \$8.94. About how much was the cost per yard?

- F. \$1 G. \$2 H. \$3 I. \$4

4. _____

5. A hummingbird egg's mass is approximately 0.374 milligram. What is the mass of 4 hummingbird eggs?

- A. 0.1496 mg B. 1.496 mg C. 14.96 mg D. 149.6 mg

5. _____

6. What is the value of 6×333 ?

- F. 1,888 G. 1,898 H. 1,980 I. 1,998

6. _____

7. What is the value of 2.7×4.1 ?

- A. 1.107 B. 11.07 C. 110.7 D. 1,107

7. _____

8. What is the value of 5.87×1.5 ?

- F. 8.805 G. 88.05 H. 880.5 I. 8,805

8. _____

9. The dance committee has 1,036 flowers. They want to divide the flowers evenly among 28 centerpieces. How many flowers will be in each centerpiece?

- A. 28 flowers B. 34 flowers C. 37 flowers D. 40 flowers

9. _____

10. The student council sold 362 roles of wrapping paper for a fundraiser. If they raised \$4,706, what was the cost of one role of wrapping paper?

- F. \$9 G. \$11 H. \$13 I. \$15

10. _____

11. What is the next term in the pattern shown below?

2.1, 3.2, 4.3, 5.4, ...

- A. 1.1 C. 5.5
B. 4.3 D. 6.5

11. _____

Test, Form 1A (continued)

SCORE _____

12. What is the value of 145.3×0.1 ?
 F. 0.1453 G. 1.453 H. 14.53 I. 145.3 12. _____

Find each quotient.

13. $12.6 \div 9$
 A. 0.0014 B. 0.014 C. 0.14 D. 1.4 13. _____

14. $23 \overline{)1863}$
 F. 73 G. 81 H. 87 I. 90 14. _____

15. One meter is approximately equal to 39.39 inches. About how many inches are in 3 meters?
 A. 40 B. 90 C. 120 D. 150 15. _____

16. What is the value of the expression $54.36 \div 0.1$?
 F. 543.6 G. 54.36 H. 5.436 I. 0.5436 16. _____

17. The sixth-grade class is going to the local art museum. There are 46 students in the class. The total cost of the tickets for all the students is \$379.50. What is the cost of one student ticket?
 A. \$8 B. \$8.25 C. \$8.50 D. \$9 17. _____

18. Alison bought one T-shirt for \$10.20 and another T-shirt for \$18.90. What is the total amount she spent?
 F. \$8.70 G. \$28.10 H. \$29.10 I. \$30.00 18. _____

19. A city had 5.4 inches of rain in September and 4.5 inches of rain in October. What is the difference in rainfall between the two months?
 A. 9.9 C. 0.9
 B. 1 D. 0 19. _____

20. Tristan had 95 inches of ribbon. He cut off 27.50 inches. How many inches of ribbon remain?
 F. 122.50 in. H. 70 in.
 G. 100.50 in. I. 67.50 in. 20. _____