

Name _____ Core _____ Date _____

1.1–1.3 Quiz



Find the value of the expression. Use estimation to check your answer. *(Section 1.1)*

1. $4265 + 3896$ _____ Estimate: _____

2. $5327 - 2624$ _____ Estimate: _____

3. 276×49 _____ Estimate: _____

4. $648 \div 72$ _____ Estimate: _____

Find the value of the power. *(Section 1.2)*

5. 3^3 _____

6. 11^2 _____

Determine whether the number is a perfect square. *(Section 1.2)*

7. 36 _____

8. 15 _____

Evaluate the expression. (Section 1.3)

9. $6 + 21 \div 7$ _____

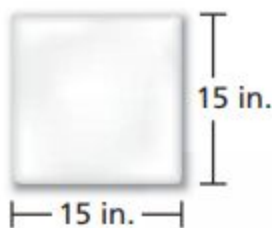
10. $\frac{4(12 - 3)}{12}$ _____

11. $16 \div 2^3 + 6 - 2$ _____

12. $2 \times 14 \div (3^2 - 2)$ _____

13. **AUDITORIUM** An auditorium has a total of 592 seats. There are 37 rows of seats, and each row has the same number of seats. How many seats are there in a single row? (Section 1.1)

14. **SOFTBALL** The bases on a softball field are square.
What is the area of each base? (*Section 1.2*)



15. **DUATHLON** In an 18-mile duathlon, you run, then bike 12 miles, and then run again. The two runs are the same distance. Find the distance of each run. (*Section 1.3*)
