

**1. Simplify**

$$\frac{\quad}{100}$$

2. Factors

.

3.

A business has 384 cases of water. There are 42 bottles of water in each case. How many bottles of water does the business have?

4.

A rectangular room is $12 \frac{1}{2}$ feet long and $10 \frac{1}{3}$ feet wide. What is the area of the room?

5.

A school painted $\frac{1}{2}$ of a wall in its gym with 3 colors. Each color takes up the same amount of space on the wall. What fraction of the wall does each color occupy?

6.

A sports store has 468 golf balls. They will be put into boxes that hold 18 balls each. What is the minimum number of boxes needed for all of the golf balls?

7.

Mr. Parker is graphing a quadrilateral. He wants the quadrilateral to be a trapezoid. He has already graphed vertices at (1, 1), (3, 3), and (5, 3). Which choice is a point that could be the 4th vertex?

8.

Joan went to the bookstore. At this bookstore, $\frac{3}{4}$ of the books are fiction. Of the fiction books, $\frac{1}{3}$ are mystery books. What fraction of the books at the bookstore are mystery fiction books?

9. EOG REVIEW

Write an expression : 3 more than the product of 6 and 4