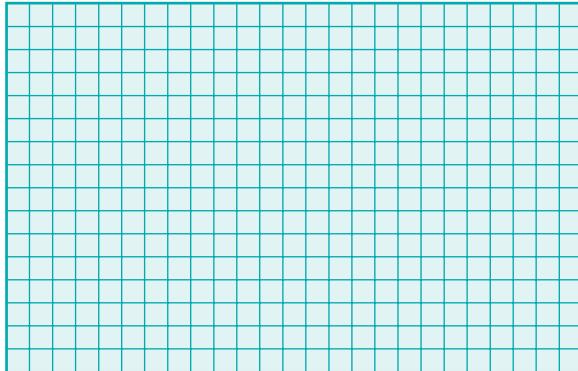


Multiplication Situations

NCTM Standards 1, 2, 6, 7, 8, 9, 10

All of these problems can be solved using the same numbers. Fill in the missing numbers.

- 1 The kitchen floor is 25 tiles long
16 tiles wide.



tiles are on the
kitchen floor.

- 2 I have 16 quarters.
How much money do I have?



- 3 There are 400 ounces in _____
pounds.
16 ounces = 1 pound

- 4 A bakery made _____ cakes and
cut each cake into 25 pieces.
There were 400 pieces to sell.

- 5 There are 16 classes in the school. Each class has
students. There are 400 students in the school.

- 6 Write another problem that can be solved
using $16 \times 25 = 400$.

Ms. Johnson's students raise money for charity at the school store. They sell school supplies to the other students. Solve these problems about the store.

SCHOOL STORE	
Eraser19¢	Pencil34¢
Black Pen47¢	Red Pen96¢

7 A box of markers costs 24 times as much as one eraser. How much does a box of markers cost?

8 Each student in Ms. Johnson's class works at the school store 27 hours per year. There are 26 students in the class. How many hours do the students work all together?

_____ hours

9 Ms. Yee bought 37 pencils and 26 erasers. How much did she pay?

10 Red pens come in packs of 48 pens. How much would an entire pack cost?

11 Challenge One morning, 17 students each bought one black pen. How much money did they spend all together?

12 Challenge The school store earned \$28 this week. The store is open 34 weeks per year. If the store earns this much money every week, how much money will it earn?
