

Fantastic Five #111

1. Without doing the multiplication, explain how the product of 115×40 compares with the product of 115×20 .

2. A right rectangular prism measures 8 feet tall, 3 feet wide, and 5 feet long. What is the volume of the prism in cubic feet?

3. You have $\frac{1}{4}$ a gallon of lemonade for a picnic. You will share the lemonade equally with five people. How much lemonade will each person get? Write an equation to solve this problem.

4. Regular polygons are shapes where all sides and angles are equal. What is the quadrilateral that would be considered "regular"?

5. Mrs. Lewis will put a fence around her rectangular garden.

*The length of the garden is $6\frac{3}{4}$ yards.

*The width of the garden is $8\frac{1}{2}$ yards.

How many yards of fencing does Mrs. Lewis need?

Fantastic Five #112

1. Draw a rectangle that is 4 inches wide and 2 inches high. Draw another rectangle that has the same width as your first rectangle, but half of its height. Without doing any calculations, how do the dimensions and area of the first rectangle compare with those of the second rectangle?

2. A right rectangular prism measures 9 feet tall, 4 feet tall, and 2 feet long. What is the volume of the prism in cubic feet?

3. There are 8 people who are planting flowers in pots at the park. There is only $\frac{1}{5}$ of a bag of potting soil left to use. How much of the soil will each person get if they divide it equally? Write an equation to solve this problem.

4. Regular polygons are shapes where all sides and angles are equal. What is the triangle that would be considered "regular"?

5. Mrs. Lewis will put a fence around her rectangular garden.

*The length of the garden is $4\frac{1}{3}$ yards.

*The width of the garden is $4\frac{1}{2}$ yards.

How many yards of fencing does Mrs. Lewis need?

Fantastic Five #113

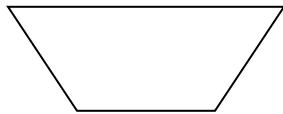
1. Without doing the multiplication, explain how the product of $5 \times \frac{1}{4}$ compares with the product of $5 \times \frac{1}{2}$.

2. A cereal box measures 14 inches tall, 10 inches long, and 3 inches wide. What is the volume of the box in cubic inches?

3. There are 3 people who are planting flowers in pots at the park. There is only $\frac{1}{5}$ of a bag of potting soil left to use. How much of the soil will each person get if they divide it equally? Write an equation to solve this problem.

4. Regular polygons are shapes where all sides and angles are equal. Which of the shapes below is "regular"?

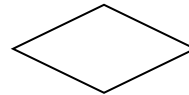
a.



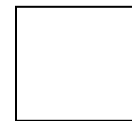
b.



c.



d.



5. Mrs. Patterson will put tape around her classroom desks.

*The length of the set of desks is $8\frac{3}{4}$ yards.

*The width of the set of desks is $6\frac{1}{3}$ yards.

How many yards of tape does Mrs. Patterson need?

Fantastic Five #114

1. Draw a rectangle that is 4 inches wide and 2 inches high. Draw another rectangle that has the same width as your first rectangle, but twice its height. Without doing any calculations, how do the dimensions and area of the first rectangle compare with those of the second rectangle?
2. A cereal box measures 13 inches tall, 9 inches long, and 2 inches wide. What is the volume of the box in cubic inches?
3. There are 10 people who are planting flowers in pots at the park. There is only $\frac{1}{5}$ of a bag of potting soil left to use. How much of the soil will each person get if they divide it equally? Write an equation to solve this problem.
4. Draw a regular pentagon. Draw an irregular pentagon. Explain the difference.
5. Brutus the guard dog needs to guard a house that is $13\frac{1}{2}$ yards long by $10\frac{1}{4}$ yards wide. How many yards will he walk around the house one time?