

6. Write the prime factorization of each number.


a.  $38 =$  \_\_\_\_\_

b.  $92 =$  \_\_\_\_\_

c.  $56 =$  \_\_\_\_\_

d.  $72 =$  \_\_\_\_\_

e.  $125 =$  \_\_\_\_\_




5. Write a number sentence to represent the story. Then solve.

Alex earns \$8.00 per hour when he babysits. How much will he earn in  $4\frac{1}{2}$  hours?

Number sentence: \_\_\_\_\_

Solution: \_\_\_\_\_




4. If you picked a number at random from the grid below, what is the probability that it would be an odd number?

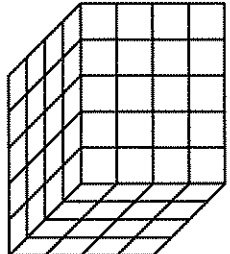
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15

Fraction \_\_\_\_\_

Percent \_\_\_\_\_



3. What is the volume of the rectangular prism? Circle the best answer.




A 32 units<sup>3</sup>

B 160 units<sup>3</sup>

C 130 units<sup>3</sup>

D 80 units<sup>3</sup>





2. Multiply.

a.  $\frac{8}{3} * \frac{7}{4} =$  \_\_\_\_\_

b.  $1\frac{1}{8} * 2\frac{2}{3} =$  \_\_\_\_\_

c.  $2\frac{2}{3} * 1\frac{5}{3} =$  \_\_\_\_\_

d.  $2\frac{6}{1} * 3\frac{1}{4} =$  \_\_\_\_\_

1. Draw a circle with a radius of 2 centimeters.

What is the diameter of the circle? \_\_\_\_\_ (unit)