



Solve Word Problems: Addition and subtraction

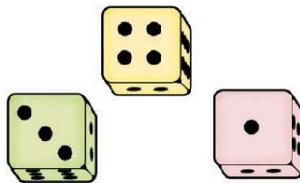
The contents from JEl Math E255

Tony and Eric played a dice game.

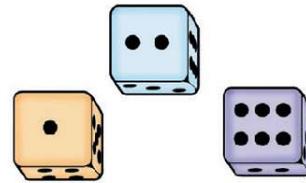
- They get the following points for each face of the die.
Find the pattern of the points and fill in the blanks.

face of a die						
points	11	22	33			

Tony and Eric threw the die 3 times each. These are the results.



Tony



Eric

- Write Tony's points in the boxes. What is the total?

 + +

- Write the Eric's points in the boxes. What is the total?

 + +

- What is the difference of the two totals?

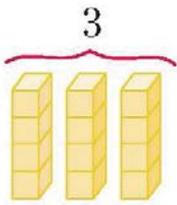


Understanding multiplication

The contents from JEI Math F02

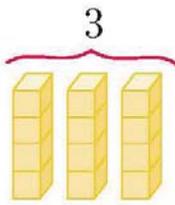


Complete each number sentence.



$$4 + 4 + 4$$

=

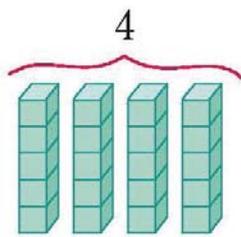


$$3 \times 4$$

=

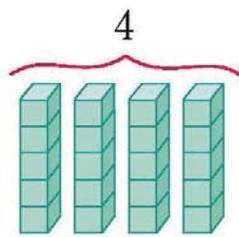


$$= \underline{12}$$



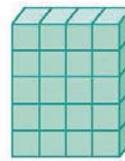
$$5 + 5 + 5 + 5$$

=

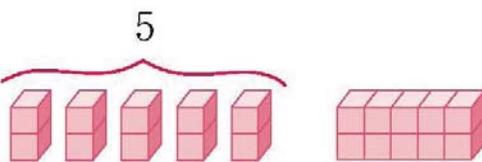


$$4 \times 5$$

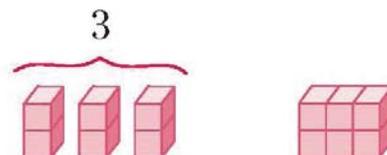
=



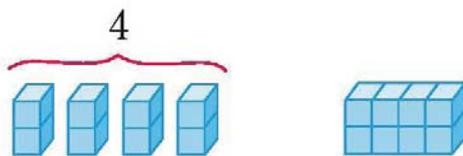
$$= \underline{\quad}$$



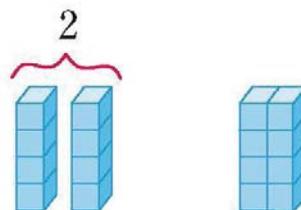
$$5 \times 2 = \underline{10}$$



$$3 \times 2 = \underline{\quad}$$



$$4 \times 2 = \underline{\quad}$$



$$2 \times 4 = \underline{\quad}$$

Using arrays, make multiplication sentence and understand the principle of multiplication through repeated addition.

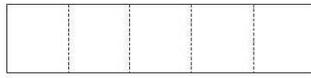


Understanding of addition fractions with like denominators

The contents from JEI Math G21



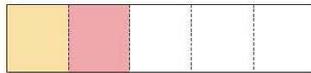
Complete.



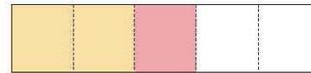
$$\frac{0}{5}$$



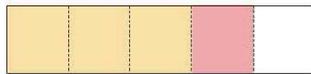
$$\frac{1}{5}$$



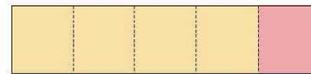
$$\frac{2}{5}$$



$$\frac{3}{5}$$

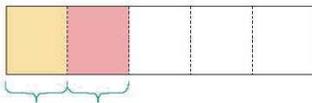


$$\frac{4}{5}$$



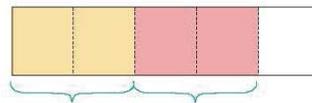
$$\frac{5}{5}$$

1.



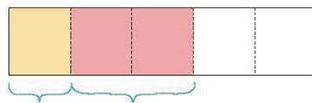
$$\frac{1}{5} + \frac{1}{5} = \frac{1+1}{5} = \frac{2}{5}$$

2.

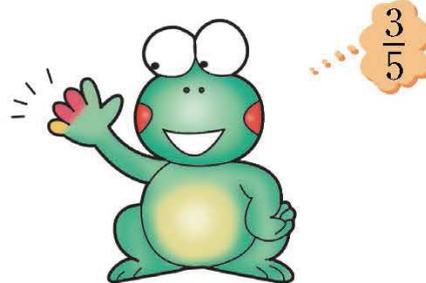


$$\frac{2}{5} + \frac{2}{5} = \frac{2+2}{5} = \frac{4}{5}$$

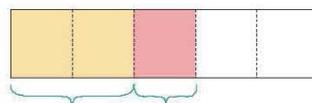
3.



$$\frac{1}{5} + \frac{2}{5} = \frac{1+2}{5} = \frac{3}{5}$$



4.



$$\frac{2}{5} + \frac{1}{5} = \frac{2+1}{5} = \frac{3}{5}$$

5.

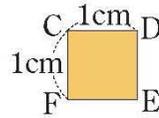


$$\frac{1}{5} + \frac{3}{5} = \frac{1+3}{5} = \frac{4}{5}$$

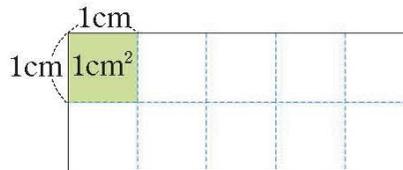
Visualizing and understanding the addition of fractions using the figures provided, making computation easier.



We will now discuss ways to find the areas of polygons.



- (1) Line segment AB has a length of one centimeter.
A centimeter is a (linear unit, square unit).
- (2) Square CDEF has an area of one square centimeter.
A square centimeter is a square unit.
Each side of this square measures 1cm.
The area of the square is 1 square centimeter (cm^2).



Each square in this rectangle has an area of 1 square centimeter (cm^2).
How many square centimeters are there in the rectangle?
The area of the rectangle is 10 square centimeters (cm^2).
We can find the area of the rectangle by counting the unit squares needed to cover the region.
Are centimeters linear units? (yes, no)
Are square centimeters linear units? (yes, no)

We measure lengths in linear units.
We measure areas in square units.

Understand the concept of area through pictures and compute the area of the figure.