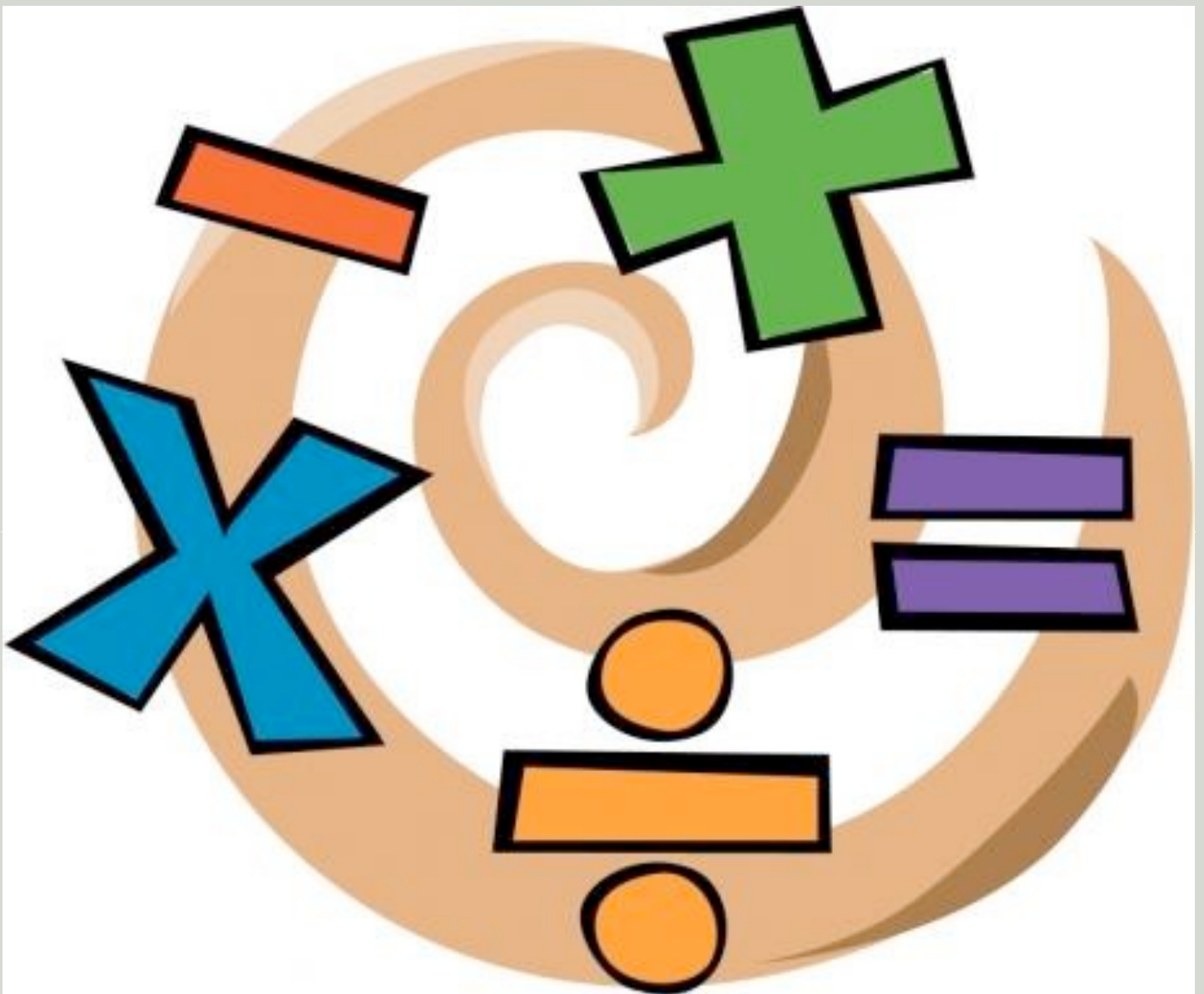


EVA'S PROBLEM SOLVING BOOK



Multiplication Problems

1. Eva had 6 oranges and each orange has 12 seeds. How many seeds are altogether?

$6 \times 12 = \underline{\quad}$



2. Eva has five puppies. Each puppy had 4 legs. How many legs are altogether?

$5 \times 4 = \underline{\quad}$



3. There were 12 balloons. Each balloon has 6 spots. How many spots are altogether? $12 \times 6 = \underline{\quad}$



4. There were 5 ice cream cones. Each ice cream cone has 3 scoops of ice cream. How many ice cream scoops are in all?

$5 \times 3 = \underline{\quad}$



5. Eva has 4 flowers. Each flower had 7 petals. How many petals are altogether?

$7 \times 4 = \underline{\quad}$



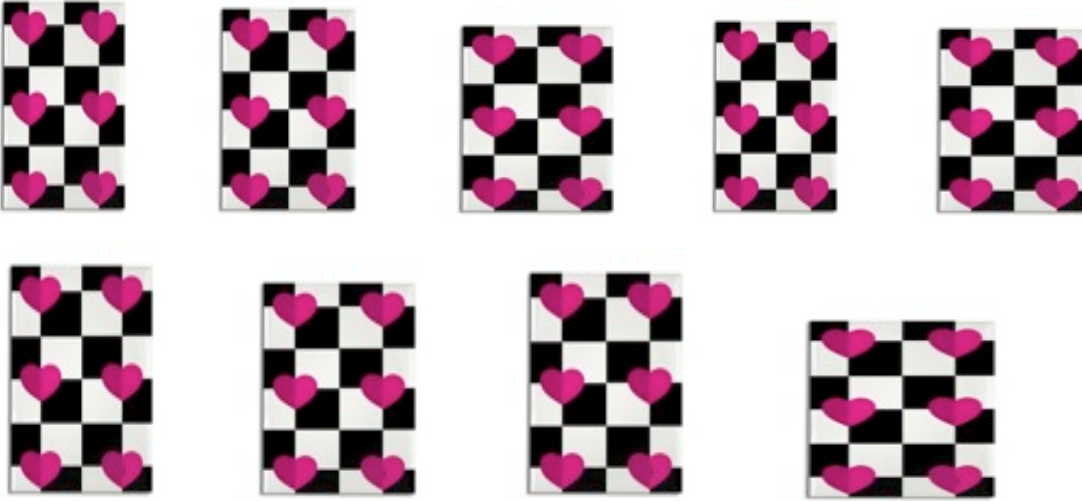
6. There were 5 mail boxes. Each mailbox has 10 pieces of mail. How many pieces of mail are there in all?

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



7. Eva has 9 erasers. Each eraser has 6 hearts. How many hearts are on all erasers?

$9 \times 6 = \underline{\quad}$



8. There were 4 dice. Eva rolled the dice and got the number 6 on each dice. She added all the numbers together. What is the total she rolled?

$6 \times 4 = \underline{\quad}$



Division Problems

1. Ivana drew 56 butterflies on her homework packet. She drew 8 butterflies on each page. How many pages were in Ivana's packet?

$$56/8 = \underline{\quad}$$



2. There are 36 flowers in the garden. There were 9 flowers in the each row. How many rows are there?

$$36/9 = \underline{\quad}$$



3. There were 20 kids. They were put into 5 equal reading groups. How many kids are in each group if divided equally?

$$20/5 = \underline{\quad}$$



4. There were 10 books. All the books were divided equally onto 2 shelves. How many books are on each shelf?

$$10/2 = \underline{\quad}$$



5. There were 144 cups. They were equally divided into 12 groups. How many are in each group?

$$144/12 = \underline{\quad}$$



6. There were 320 cupcakes donated to our school. They were equally divided and handed out to the 8 classrooms amongst the first and second graders in the school. How many cupcakes did each classroom receive?

$$320/8 = \underline{\quad}$$



7. There were 15 erasers. They were divided equally and placed on 5 desks. How many erasers go on each desk?

$$15/5 = \underline{\quad}$$



8. My mommy has 25 pairs of shoes. She wanted to put an equal number of pairs of shoes on 5 shelves in her closet. How many pairs are there on each shelf?

$$25/5 = \underline{\quad}$$



Fraction Problems

1. Eva made a pizza with 8 slices. Noorie made a pizza with 10 slices. Eva ate $\frac{2}{8}$ and Noorie ate $\frac{2}{10}$. Who ate more?



2. Ivana had 40 crowns. She gave $\frac{1}{2}$ to her friend. Then she gave $\frac{1}{2}$ of what she had left to another friend. How many crowns does Ivana have now?



3. Eva made a pie with 10 pieces. Nina made a pie with 8 pieces. Eva ate $\frac{3}{10}$. Nina ate $\frac{3}{8}$. Who ate more?



4. There were 100 Gummie Bears. There were 10 students. What fraction of Gummie Bears will each student get if they were divided equally?



5. Tilly has one pizza with 9 slices. Eva has 1 pizza with 11 slices. Eva ate $\frac{2}{11}$. Tilly ate $\frac{2}{9}$. Who ate more?



6. Mary has 10 pencils. She divided them so each group can have 2 pencils. What fraction of pencils in each group?



Multi-step Word problems

1. There was a carnival with 50 people. 10 people left. Then 40 more people came. How many people are in the carnival now? { $50-10=40$ $40+40=?$ }



2. There were 20 in class. 2 people had to leave early. The rest of the class had stations. There were 9 stations. How many people at each station equally? { $20-2=18$ $18/9=?$ }



3. Jane was a waitress. She had 14 people to wait on. 7 of them left, but 10 more came. How many people does she have to wait on now? { $14-7=7$ $7+10=?$ }



4. There was a play at the Manhattan New School. 30 people are there. 12 people left. Then 15 more people came. How many are there now? { $30-12=18$ $18+15=?$ }



Answer key

Multiplication

- (1) 72
- (2) 20
- (3) 72
- (4) 15
- (3) 28
- (4) 50
- (7) 54
- (8) 24

Division

- (1) 7
- (2) 4
- (3) 4
- (4) 5
- (5) 12
- (6) 40
- (7) 3
- (8) 5

Fraction

- (1) Eva = $\frac{2}{8}$
- (2) 10
- (3) Nina
- (4) 10
- (5) Tilly
- (6) $\frac{5}{10}$

Multi-Step

- (1) 80
- (2) 2
- (3) 17
- (4) 33