## Question 1

Sequoia walked three yards to get to the clearing in the Woods. She stopped to visit King Deer twice.

How many feet did Sequoia walk?
If Sequoia walked home, how many feet in all did she walk?


Show your work.

## Question 3

Summer traveled across the Woods and back to her velvet-red bush. The distance was 3,246 flaps of her wings. If she traveled two more times to the Woods and back, how much more would she have to travel? How much did she travel in all? Show your work.

1

2



## Question 2

Summer flew to the center of the Woods to meet new friends. She met seven male fireflies and met each of their friends. They each have six friends. How many fireflies did Summer meet in all? Show two ways to find the correct answer.


## Question 4

Summer played with her four legged friends as the sun set behind the horizon. She played with two foxes, four deer, and six squirrels. If Summer were to play with rabbits, using the pattern above, how many squirrels would she play with? How many animals in all would she play with? How many legs in all played in the woods?


1


2


3

Show your work.

## Question 5

Sequoia chased three squirrels into their drey. Four Squirrels were already in the drey. If they each use four feet to run from dogs;

How many feet would be running from dogs?
If two squirrels jump to another drey with seven squirrels, how many more feet would have to run from dogs?



Show your work.

## Question 7

Sequoia barked goodnight to all her friends. Twelve animals answered.

If each animal replied with two sounds, how many sounds from her friends are there?


There were thirty-eight animals in the woods at the time. How many did not answer?

How many animal sounds would there be if all the animals answered?


Show all work


## Question 6

Summer's light can flash six flashes in 35 seconds.
In seventy seconds, how many flashes will appear?

How many will appear in 140 seconds?
What is the equivalent of one hundred forty seconds in minutes?
Show all work.

## Question 8

Summer asked her friends to flash with her to attract a cute male firefly. There were two hundred and six friends. They each flashed six times.

How many flashes did the cute male see?

If half of them flashed, how many fireflies helped
out?
Show all work.

## Question 9

Sequoia ran to the north from the south. She then ran from the north to the east at the same distance.

If she runs back to the south with the same distance, what shape/s will she make?

IF each run is two miles long, how many miles will she run?


Show your work.

## Question 11

Sequoia ran the perimeter of the woods with King Deer.
If the north and south sides are two miles each and the east and west sides are three miles, what is the perimeter of the Woods?

If King Deer only travels the North and east sides, how many miles does he travel?

If Sequoia ran the perimeter twice, how far did she run?


Show all work

## Question 10

Summer flies directly east along the path in the Woods.
If she takes a sharp turn left and travels north what angle does she make?

Show all work.

## Question 12

Summer asks her friends to fly to the following locations: The Loblolly tree, bramble bush, fallen oak, White Oak, Woodpecker's Perch.

If each of these places on her path form a closed shape, what might it be?

If she added three more stops and all the distances were the same, what closed shape would she make?

Show all work.

## Summer the Firefly Math Word Problems

Grade 3-5

1. 36 feet, 72 feet
2. $7 \times 6=42$ fireflies; $7+7+7+7+7+7=42$ fireflies or drawings
3. $3,246+3,246=6,492$ flaps; $3,246 \times 2=6,492$ flaps; 9,738 flaps
4. 8 Rabbits; 20 Animals; $20 \times 4=80$ feet in all
5. 28 feet; 28 feet
6. 12 flashes; 24 flashes; 2 minutes and 20 seconds
7. 24 sounds; 26 animals; 76 sounds
8. 1,212 flashes, 103 helped
9. triangle, 6 miles
10. right angle
11. 10 miles; 5 miles or $1 / 2$ of Sequoia's distance; 20 miles
12. Pentagon; Octogon
