Summer the Firefly Word Problems Grades 3-5



Question 5	
Sequoia chased three squirrels into their drey. Four Squirrels were	Question 6
already in the drey. If they each use four feet to run from dogs;	Summer's light can flash six flashes in 35 seconds.
How many feet would be running from dogs?	In seventy seconds, how many flashes will appear?
If two squirrels jump to another drey with seven squirrels, how many more feet would have to run from dogs?	How many will appear in 140 seconds?
	What is the equivalent of one hundred forty seconds in minutes? Show all work.
Show your work.	
Question 7	
Sequoia barked goodnight to all her friends. Twelve animals answered.	Question 8
If each animal replied with two sounds, how many sounds from her friends are there?	Summer asked her friends to flash with her to attract a cute male firefly. There were two hundred and six friends. They each flashed
There were thirty-eight animals in the woods at the time. How many did not answer?	Six times. How many flashes did the cute male see?
How many animal sounds would there be if all the	
animals answered?	If half of them flashed, how many fireflies helped out?
	Show all work.
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?	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.
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	Question 12
the east and west sides are three miles, what is the perimeter of the Woods?	Summer asks her friends to fly to the following locations: The Loblolly tree, bramble bush, fallen oak, White Oak, Woodpecker's Perch.
If King Deer only travels the North and east sides, how many miles does he travel?	If each of these places on her noth form a closed
If Sequoia ran the perimeter twice, how far did she run?	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
Chow all work	make? Show all work.

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- 1. 36 feet, 72 feet
- 2. $7 \times 6 = 42$ fireflies; 7+7+7+7+7=42 fireflies or drawings
- 3. 3,246 + 3,246 = 6,492 flaps; 3,246 x 2 = 6,492 flaps; 9,738 flaps
- 4. 8 Rabbits; 20 Animals; 20 x 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 $\frac{1}{2}$ of Sequoia's distance; 20 miles
- 12. Pentagon; Octogon