

Wild Wetlands

Math in the Marsh

Use the chart below to solve these *WILD* math problems!



| Animal | Legs | Wings |
|-----------|------|-------|
| Dragonfly | 6 | 4 |
| Egret | 2 | 2 |
| Turtle | 4 | 0 |
| Raccoon | 4 | 0 |

1. Let's say there are two dragonflies flying over the marsh, three egrets standing in the marsh, and five turtles swimming in the marsh. What is the total number of legs of all the animals at the marsh?



2. What is the total number of wings of all those animals at the marsh?

3. If three more dragonflies, one more egret, three more turtles, and one raccoon join the group, how many animals are now at the marsh?



4. If one turtle can eat two dragonflies in a day, how many days would it take for the turtle to eat six dragonflies?

5. You visit the marsh three times. You tell your two friends how neat the marsh is. Each of your two friends then visits two times. How many times total did people go visit the marsh?



Answers Wild Wetlands

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1. Let's say there are two dragonflies flying over the marsh, three egrets standing in the marsh, and five turtles swimming in the marsh. What is the total number of legs of all the animals at the marsh?

$$(2 \times 6) + (3 \times 2) + (5 \times 4) = 38 \text{ legs}$$



2. What is the total number of wings of all those animals at the marsh?

$$(2 \times 4) + (3 \times 2) + (0) = 14 \text{ wings}$$

3. If three more dragonflies, one more egret, three more turtles, and one raccoon join the group, how many animals are now at the marsh?

$$(2 + 3) + (3 + 1) + (5 + 3) + (1) = 18 \text{ animals}$$



4. If one turtle can eat two dragonflies in a day, how many days would it take for the turtle to eat six dragonflies?

$$6 \div 2 = 3 \text{ days}$$

5. You visit the marsh three times. You tell your two friends how neat the marsh is. Each of your two friends then visits two times. How many times total did people go visit the marsh?

$$3 + (2 \times 2) = 7 \text{ visits to the marsh}$$

