



PROBLEM SOLVING: FASTEST INSECTS (STANDARD)

Here are some of the fastest flying insects!

Insect	Speed miles per hour (mph)	Nearest 10 mph	Order of speed
Bumblebee		20	
Deer Bot Fly	27		
Dragonfly	40	40	1
Hawkmoth			
Hornet	21		
Monarch butterfly			

1) Use the facts below to complete the missing data in the table:

- *The bumblebee is 3 mph slower than a hornet.*
- *The hawkmoth is 7 mph faster than a deer bot fly.*
- *The monarch butterfly is 5 mph slower than a hornet.*

2) Round the speeds to the nearest 10 mph. Put the results in the table.

3) Fill in the order of speed, with 1 being the fastest, and 6 the slowest.

4) How much faster is the dragonfly than the monarch? _____ mph

5) How much slower is the hornet than the hawkmoth? _____ mph

6) How much faster is a deer bot fly than a hornet? _____ mph

7) How many miles could a hawkmoth fly in 2 hours? _____ miles

8) How many miles could a monarch fly in half an hour? _____ miles

9) How many miles could a hornet fly in 3 hours? _____ miles



Name

Date



PROBLEM SOLVING: FASTEST INSECTS STANDARD ANSWERS

Insect	Speed miles per hour (mph)	Nearest 10 mph	Order of speed
Bumblebee	18	20	5
Deer Bot Fly	27	30	3
Dragonfly	40	40	1
Hawkmoth	34	30	2
Hornet	21	20	4
Monarch butterfly	16	20	6

1) Use the facts below to complete the missing data in the table:

- The bumblebee is 3 mph slower than a hornet.
- The hawkmoth is 7 mph faster than a deer bot fly.
- The monarch butterfly is 5 mph slower than a hornet.

2) Round the speeds to the nearest 10 mph. Put the results in the table.

3) Fill in the order of speed, with 1 being the fastest, and 6 the slowest.

4) How much faster is the dragonfly than the monarch? **24 mph**

5) How much slower is the hornet than the hawkmoth? **13 mph**

6) How much faster is a deer bot fly than a hornet? **6 mph**

7) How many miles could a hawkmoth fly in 2 hours? **68 miles**

8) How many miles could a monarch fly in half an hour? **8 miles**

9) How many miles could a hornet fly in 3 hours? **63 miles**

