



## PROBLEM SOLVING - FASTEST INSECTS (METRIC)

Here are some of the fastest flying insects!

Insect	Speed in km per hour (kph)	Nearest 10 kph	Order of speed
Bumblebee		30	
Deer Bot Fly	43		
Dragonfly	64		1
Hawkmoth			
Hornet	34		
Monarch butterfly			

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

- The bumblebee is 5 kph slower than a hornet.
- The hawkmoth is 11 kph faster than a deer bot fly.
- The monarch butterfly is 8 kph slower than a hornet.

2) Round all the speeds to the nearest 10 kph. 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? \_\_\_\_\_ kph

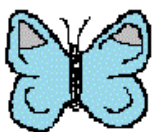
5) How much slower is the hornet than the hawkmoth? \_\_\_\_\_ kph

6) How much faster is a deer bot fly than a hornet? \_\_\_\_\_ kph

7) How many km could a hawkmoth fly in 2 hours? \_\_\_\_\_ km

8) How many km could a monarch fly in half an hour? \_\_\_\_\_ km

9) How many km could a hornet fly in 3 hours? \_\_\_\_\_ km



Name

Date



## PROBLEM SOLVING - FASTEST INSECTS METRIC ANSWERS

Insect	Speed in km per hour (kph)	Nearest 10 kph	Order of speed
Bumblebee	29	30	5
Deer Bot Fly	43	40	3
Dragonfly	56	60	1
Hawkmoth	54	50	2
Hornet	34	30	4
Monarch butterfly	26	30	6

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

- The bumblebee flies at 5 kph slower than a hornet.
- The hawkmoth flies at 11 kph faster than a deer bot fly.
- The monarch butterfly is 8 kph slower than a hornet.

2) Round all the speeds to the nearest 10 kph. 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? **30 kph**

5) How much slower is the hornet than the hawkmoth? **20 kph**

6) How much faster is a deer bot fly than a hornet? **9 kph**

7) How many km could a hawkmoth fly in 2 hours? **108 km**

8) How many km could a monarch fly in half an hour? **13 km**

9) How many km could a hornet fly in 3 hours? **102 km**

