

# Am I a Bee?

Not every insect that looks like a bee is actually a bee.  
Here are a few ways you can tell. Bees have ...

Set of two wings  
on each side

Thickening  
between  
abdomen  
and thorax



Elbowed antennae

Eyes on side  
of their heads

Thick "fuzzy" hair

Thick hind legs to carry pollen  
(pollen baskets)

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# Why do some insects mimic bees?

When something harmless imitates  
something dangerous it is called  
***Batesian mimicry.***

Looking like a stinging bee can  
protect insects  
from hungry predators.

# Am I a Bee?



# Yes!

## I am a Honey Bee



# Am I a Bee?





# No! I am a Wasp

Wasps are closely related to bees, but are not bees.



**Notice the difference:**

- **Thinning between the abdomen and thorax**
- **Thin back legs**
- **Lack of hair**

# Am I a Bee?



# No! I am a Beetle



## Notice the difference:

- Long antennae but not elbowed
- Thin hind legs
- Wings encased in hardened forewing
- Lack of hair



# Am I a Bee?



# Yes!

## I am a Bumble Bee



# Am I a Bee?



# No! I am a Fly



## Notice the difference:

- Large eyes almost touching on front of head
- Short stubby antennae
- One wing per side



# Am I a Bee?



# No! I am a Moth



**Notice the difference:**

- Thick straight antennae
- Thin hind legs