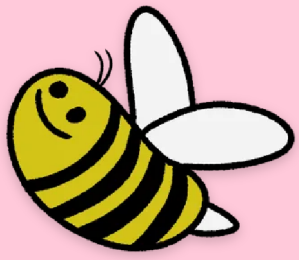
SCIENCE · INSECTS AND SPIDERS · GRADES 1–3

Is It an Insect?

Circle insect or not an insect for ten small animals, using the six-legs rule.

Name: _____ **Date:** _____



An insect has 6 legs, 3 body parts and 2 antennae. A spider is not an insect.



insect: 6 legs, 3 body parts



spider: 8 legs, 2 body parts

Circle Insect or Not an insect.

ant	Insect	Not an insect
spider	Insect	Not an insect
ladybug	Insect	Not an insect
earthworm	Insect	Not an insect
honeybee	Insect	Not an insect
butterfly	Insect	Not an insect
snail	Insect	Not an insect
grasshopper	Insect	Not an insect
centipede	Insect	Not an insect
beetle	Insect	Not an insect

Art © Kevin Coulston

SCIENCE · INSECTS AND SPIDERS · GRADES 2–3

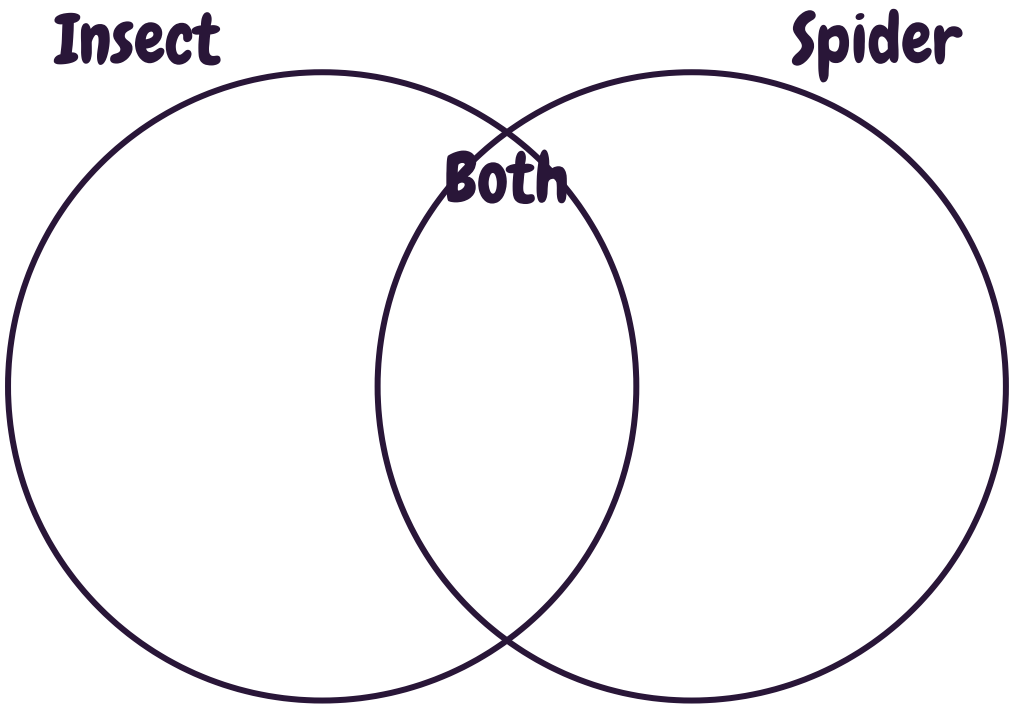
Insect or Spider?

Sort ten facts into insect, spider or both: a compare and contrast sheet.



Name: _____ **Date:** _____

Write the number of each fact in the right part of the diagram.

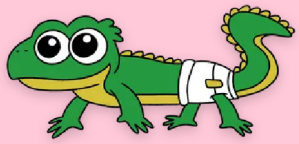


1. has 6 legs
2. has 8 legs
3. has 3 body parts
4. has 2 body parts
5. has antennae
6. spins webs to catch food
7. many kinds have wings
8. has a hard outside skeleton
9. hatches from an egg
10. has no backbone

Art © Kevin Coulston

SCIENCE · INSECTS AND SPIDERS · GRADES K–2

The Life Cycle of a Ladybug



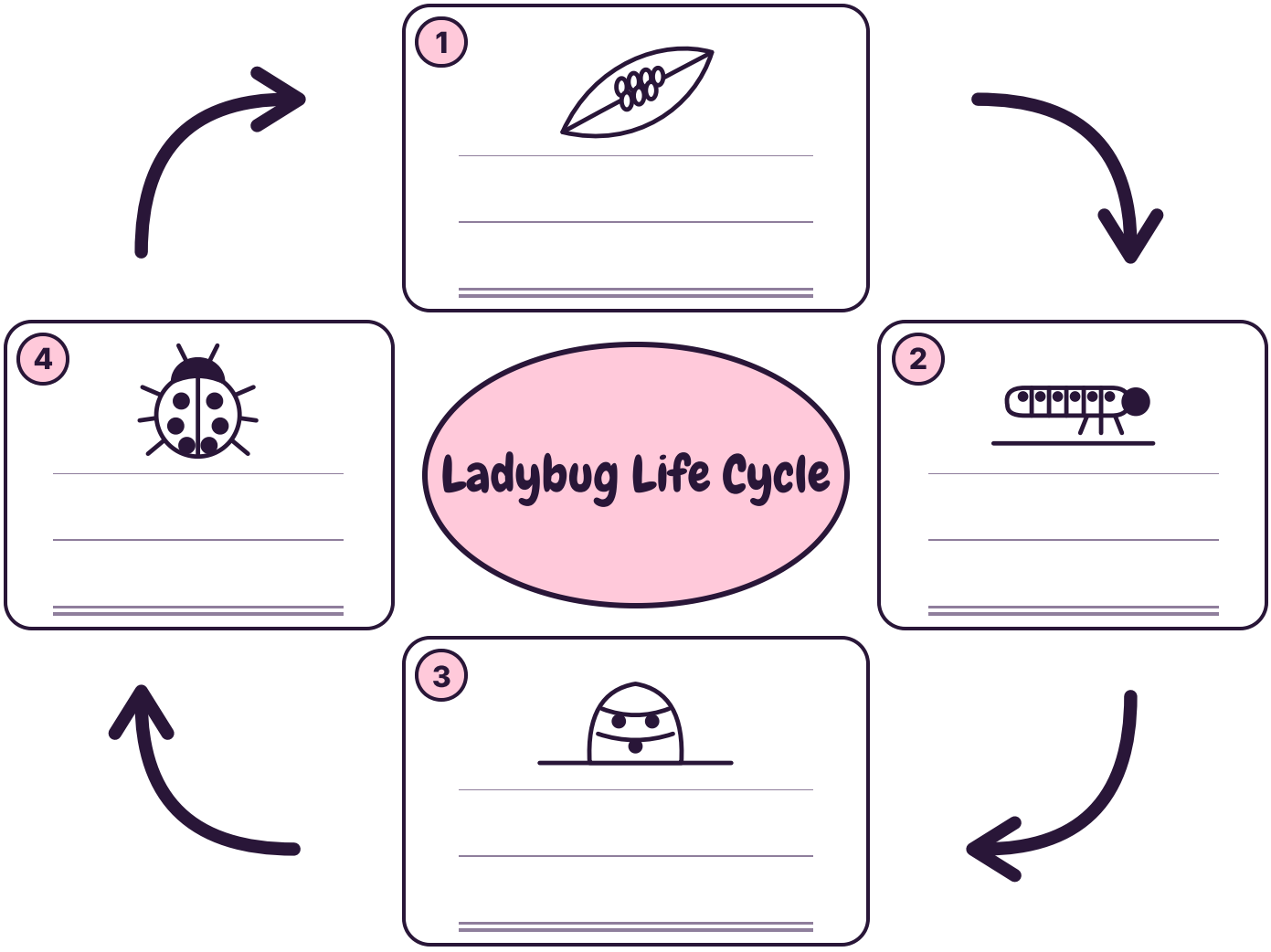
Label the egg, larva, pupa and adult ladybug with a word bank, then answer what a ladybug larva eats.

Name: _____ **Date:** _____

Word bank

eggs | larva | pupa | ladybug

Write the name of each stage.



Circle the answer.

A ladybug larva eats tiny bugs called aphids | fish | seeds

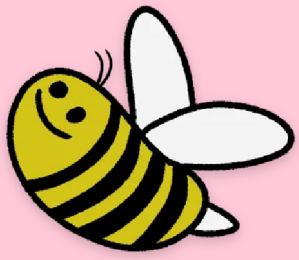
Art © Kevin Coulston

SCIENCE · INSECTS AND SPIDERS · GRADES 1–3

Bugs at Work

Match six helpful bugs to the jobs they do, then draw your favorite.

Name: _____ **Date:** _____



Draw a line from each bug to the job it does.

honeybee	spins thread we use to make silk
ladybug	digs tunnels that let air and water into soil
dragonfly	cleans up animal waste
dung beetle	eats mosquitoes
ant	carries pollen from flower to flower
silkworm	eats aphids that hurt garden plants

Draw your favorite helpful bug doing its job.

Art © Kevin Coulston

SCIENCE · INSECTS AND SPIDERS · GRADES K–3

Bug Hunt Log

Go on a bug hunt and record five bugs: where you found them, how many legs and whether they have wings.



Name: _____ **Date:** _____

Bug hunt rules: look under leaves, rocks and logs. Use your eyes and a magnifying glass. Do not touch bugs that sting or bite, and put every rock back where you found it.

Bug	Where I found it	Legs	Wings?	Draw it
1.				
2.				
3.				
4.				
5.				

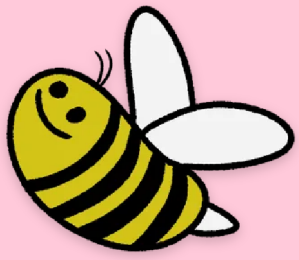
Bugs I found _____ **Insects I found** _____

Art © Kevin Coulston

ANSWER KEY · INSECTS AND SPIDERS · GRADES 1–3

Answer Key: Is It an Insect?

Answers for grown-ups. Some questions have more than one good answer.



An insect has 6 legs, 3 body parts and 2 antennae. A spider is not an insect.



insect: 6 legs, 3 body parts



spider: 8 legs, 2 body parts

Circle Insect or Not an insect.

ant	**Insect**	Not an insect
spider	Insect	**Not an insect**
ladybug	**Insect**	Not an insect
earthworm	Insect	**Not an insect**
honeybee	**Insect**	Not an insect
butterfly	**Insect**	Not an insect
snail	Insect	**Not an insect**
grasshopper	**Insect**	Not an insect
centipede	Insect	**Not an insect**
beetle	**Insect**	Not an insect

Art © Kevin Coulston

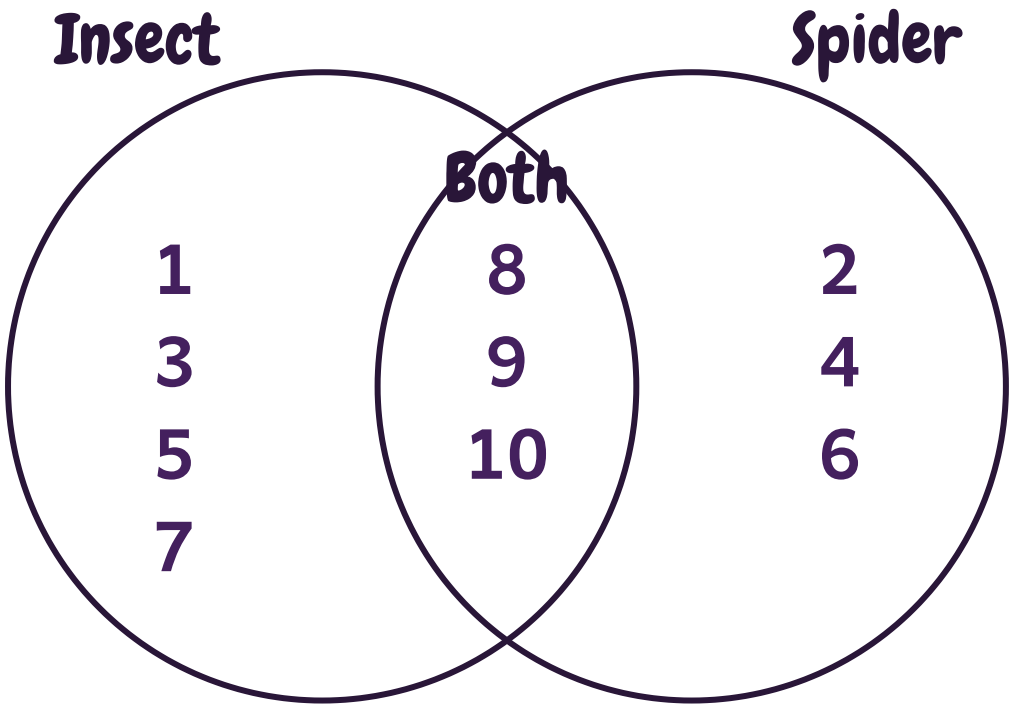
ANSWER KEY · INSECTS AND SPIDERS · GRADES 2–3

Answer Key: Insect or Spider?

Answers for grown-ups. Some questions have more than one good answer.



Write the number of each fact in the right part of the diagram.



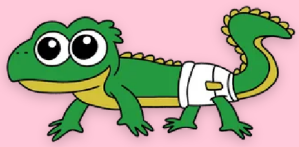
1. has 6 legs
2. has 8 legs
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5. has antennae
6. spins webs to catch food
7. many kinds have wings
8. has a hard outside skeleton
9. hatches from an egg
10. has no backbone

Art © Kevin Coulston

ANSWER KEY · INSECTS AND SPIDERS · GRADES K–2

Answer Key: The Life Cycle of a Ladybug

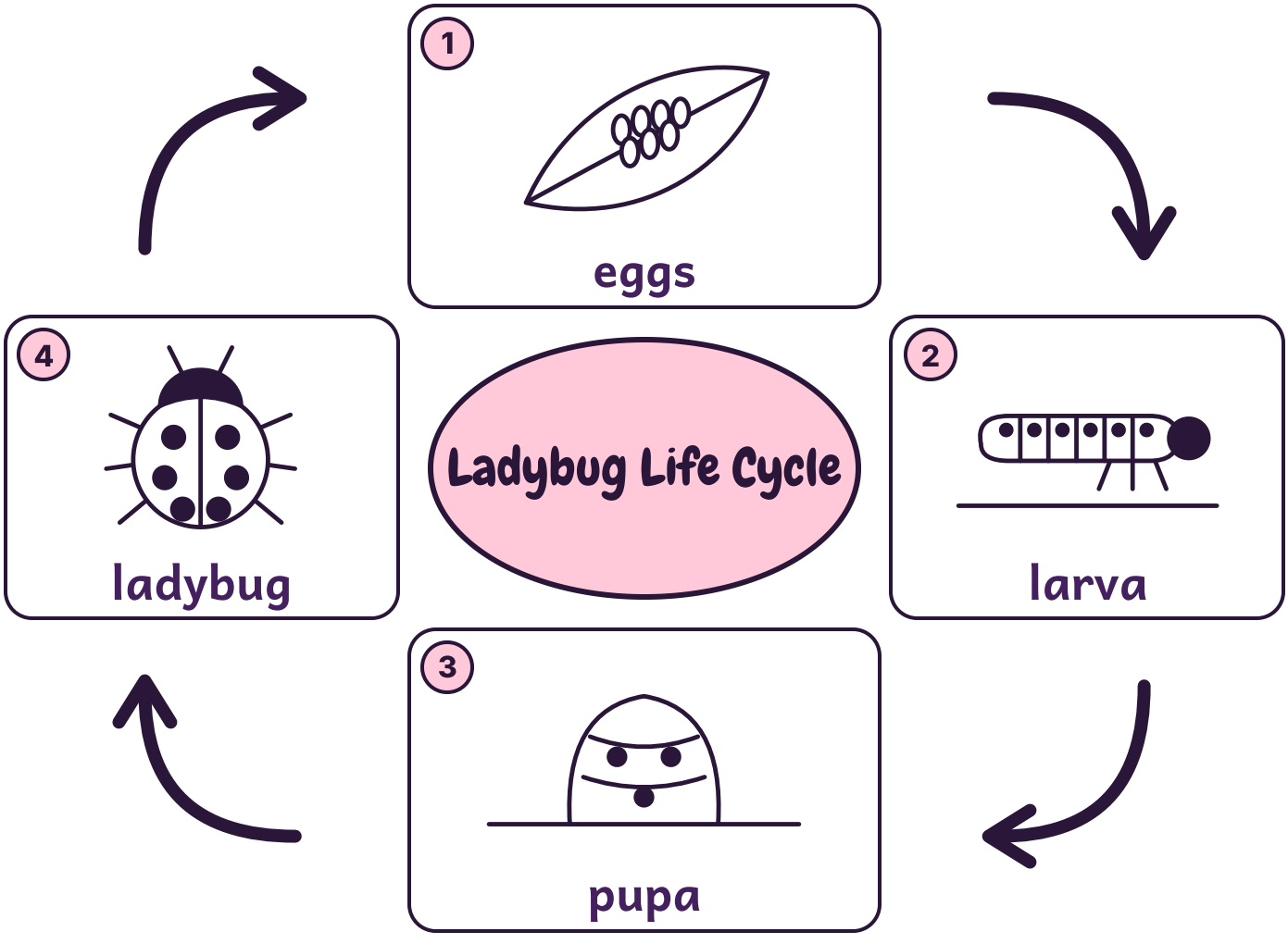
Answers for grown-ups. Some questions have more than one good answer.



Word bank

eggs · larva · pupa · ladybug

Write the name of each stage.



Circle the answer.

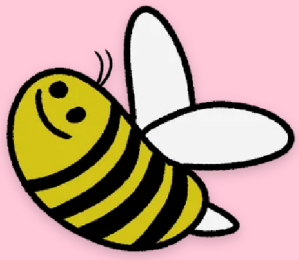
A ladybug larva eats tiny bugs called **aphids** / fish / seeds

Art © Kevin Coulston

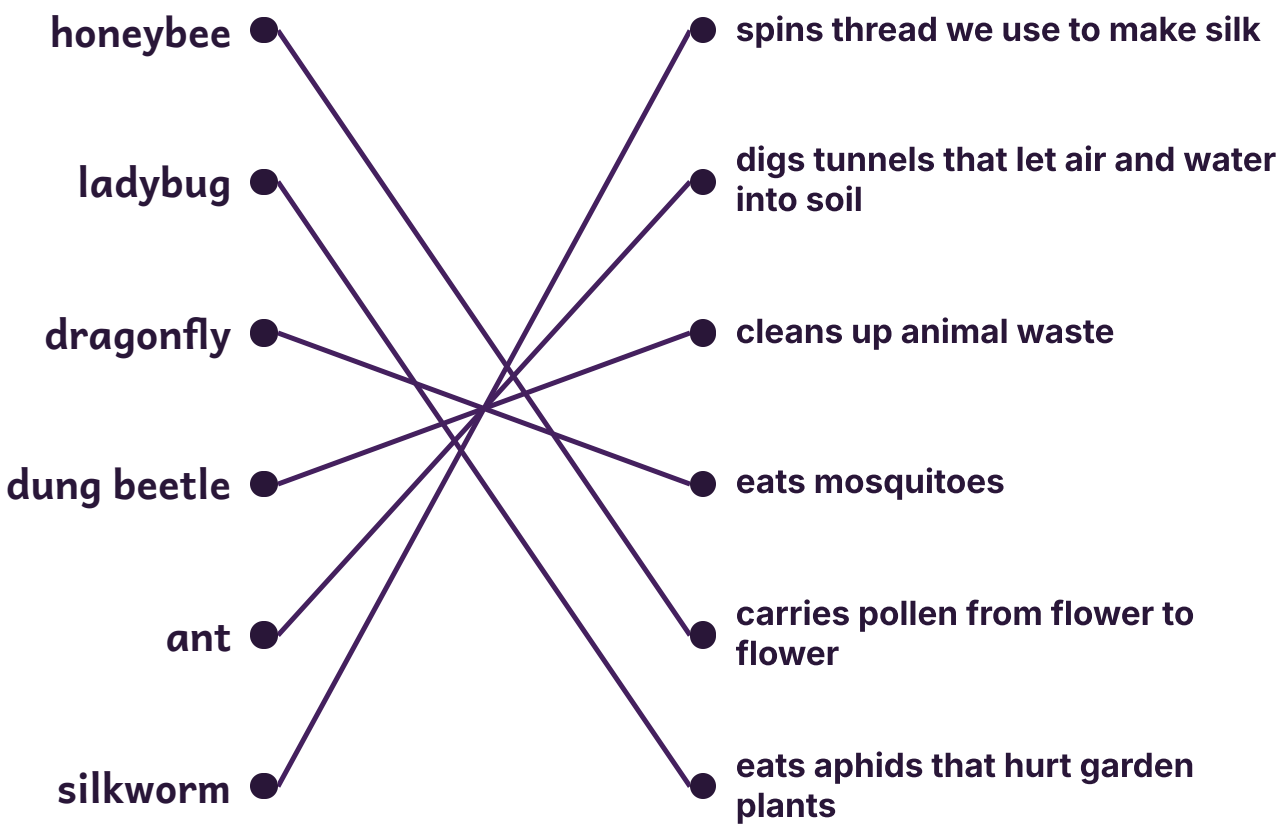
ANSWER KEY · INSECTS AND SPIDERS · GRADES 1–3

Answer Key: Bugs at Work

Answers for grown-ups. Some questions have more than one good answer.



Draw a line from each bug to the job it does.



Draw your favorite helpful bug doing its job.

Art © Kevin Coulston