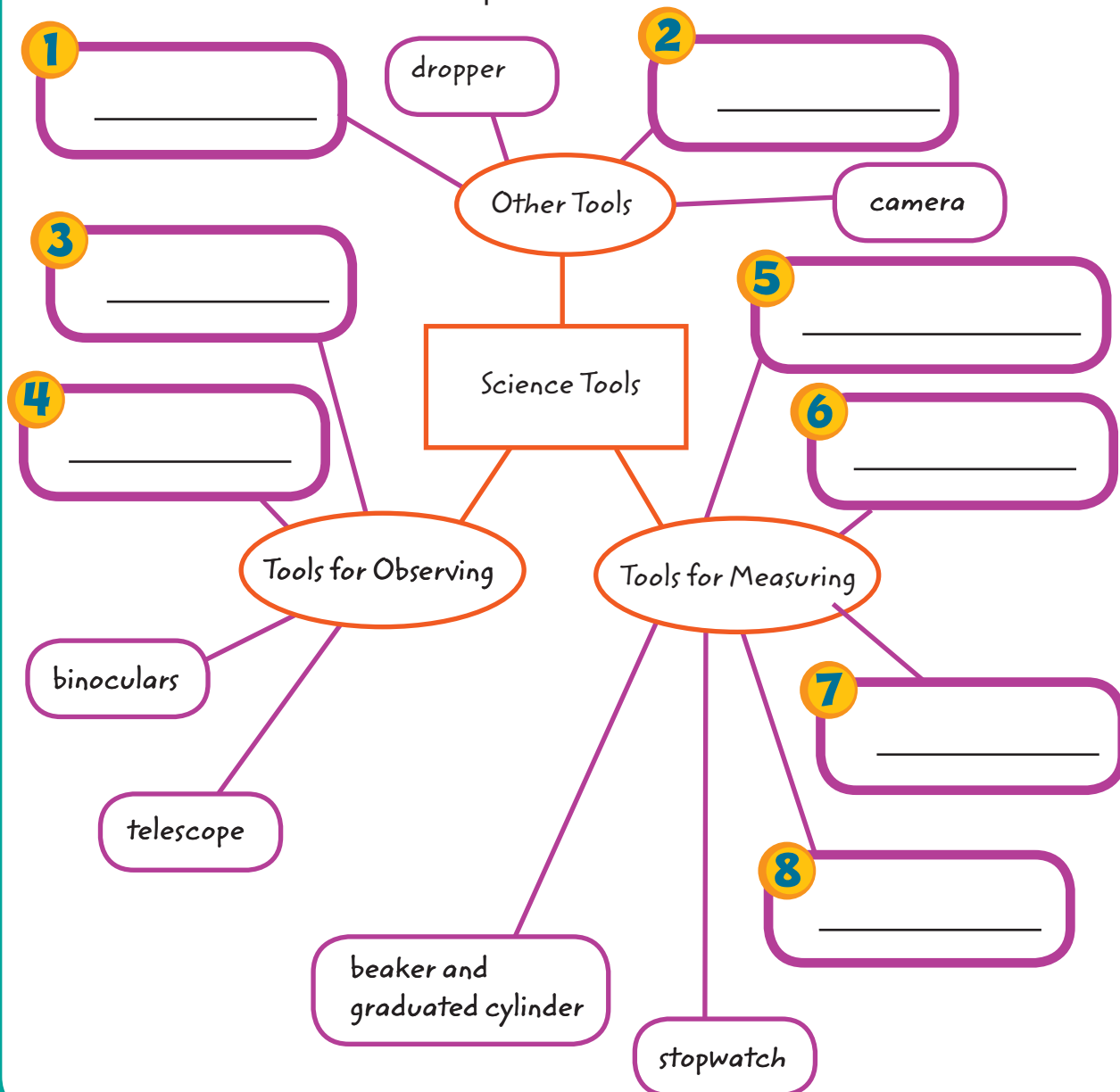


# Sum It Up »

When you're done, use the answer key to check and revise your work.

There are many kinds of tools that scientists use. Tools help scientists observe, measure, and study things in the natural world.

Fill in the blank boxes with examples of tools that scientists use.





Name \_\_\_\_\_

## Vocabulary Review

1

Put the scrambled letters in order to spell a science term.

1.

treem

○ \_ \_ ○ \_

A metric unit of length

2.

amrg

\_ \_ ○ \_

A metric unit of mass

3.

rdsgeee seCisul

\_ \_ \_ \_ \_ \_ \_ \_  
\_ \_ \_ \_ \_ \_ \_ \_  
\_ \_ \_ \_ \_ \_ \_ \_

A metric unit for temperature

4.

taceurca

\_ \_ \_ \_ \_ ○ \_ \_

A measurement close to the true size

5.

townne

\_ \_ \_ \_ ○ \_ \_

A unit used to measure force

6.

trile

\_ \_ \_ \_ \_ ○

A metric unit of volume

7.

pignrs ecsla

\_ \_ \_ \_ \_ \_ \_ \_  
\_ \_ \_ \_ \_ \_ \_ \_

A tool used to measure force

8.

nap cablane

\_ \_ \_ \_ \_ ○ \_ \_  
\_ \_ \_ \_ \_ \_ \_ \_  
\_ \_ \_ \_ \_ \_ \_ \_

A tool used to measure mass

9.

dceson

○ \_ \_ \_ \_ \_ \_ \_

A metric unit of time

10.

veumol

\_ \_ \_ \_ \_ ○ \_ \_

The amount of space a solid, liquid, or gas takes up

11.

tagurdade  
lycnidre

\_ \_ \_ \_ \_ ○ \_ \_ \_ \_ \_  
\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

A tool used to measure volume

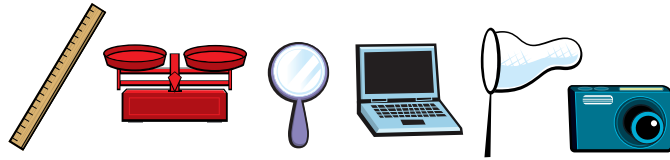
**Riddle:** Place the circled letters in order to solve the riddle below.

Why did the captain ask for a balance?  
He wanted to \_\_\_\_\_  
the mass of the \_\_\_\_\_.



# Apply Concepts

**2** Tell how you use one or more of these tools to investigate each question.



How are two fossil teeth similar and different?

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Which kinds of butterflies are found in a field?

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What do scientists already know about the bottom of the ocean?

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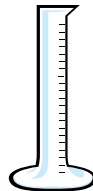
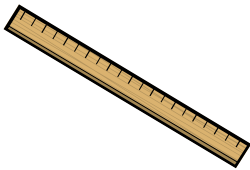
Does the mass of a ball affect how far it rolls?

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**3** Identify what each tool measures and the metric units it uses.



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**Take It Home!**

At your school or public library, find a book about how scientists work or the tools they use. Read and discuss the book with your family. Prepare a brief summary to present to your classmates.