



Worksheet

1

# What kind of damage can be caused by earthquakes, and why?

## Task 1

What kind of damage can be caused by earthquakes?

## Task 2

Why does the damage considered in Task 1 occur?

## Task 3

Write down your thoughts to the Research Question.

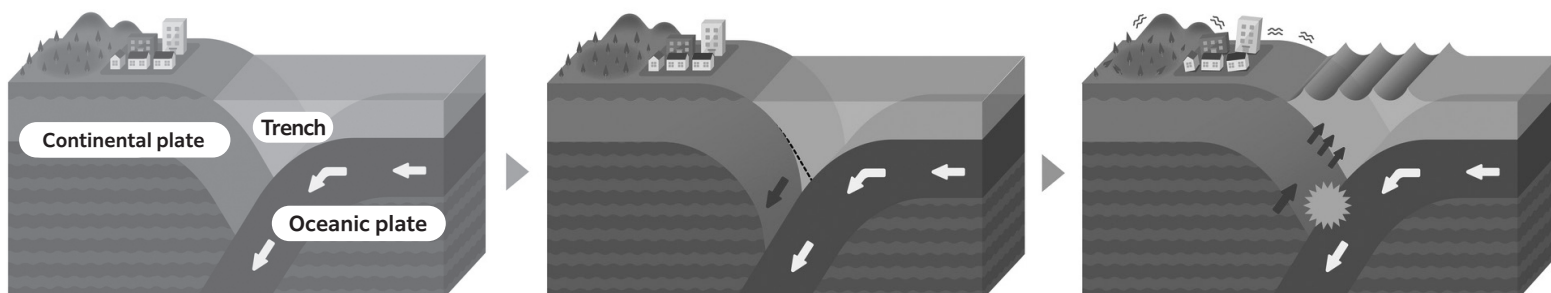
Worksheet

2

# Why is Japan prone to earthquakes and tsunami?

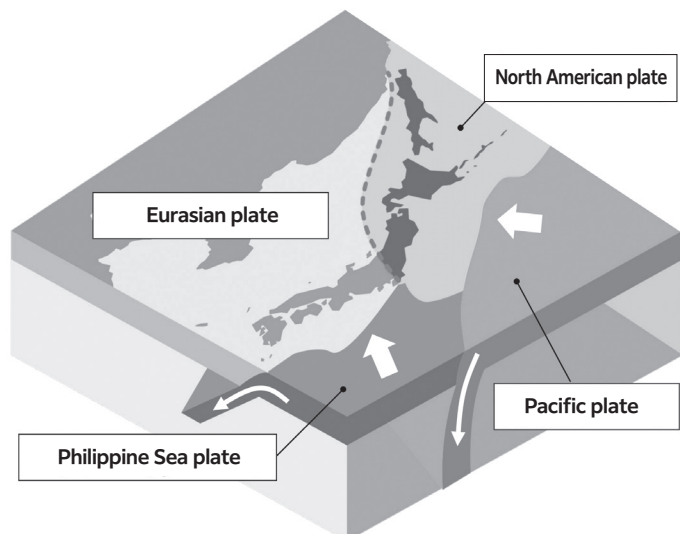
## Task 1

What causes earthquakes and tsunami?



## Task 2

How do the plates around the islands of Japan move?



## Task 3

Write down your thoughts to the Research Question.

---

---

---

---

---



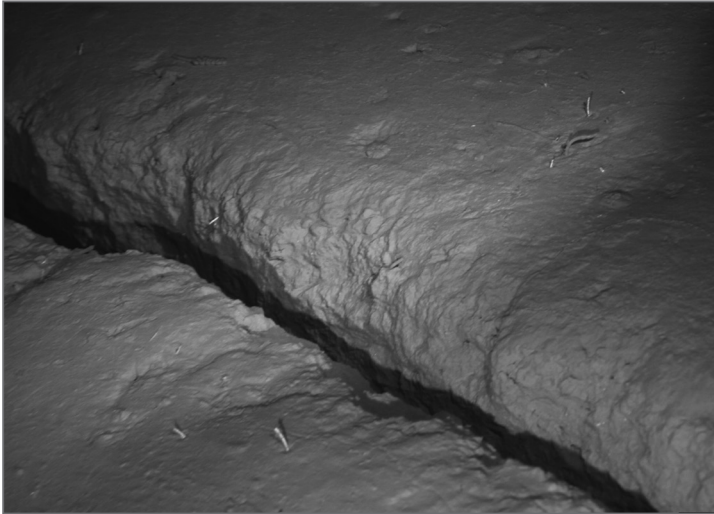
Worksheet **3**

# What can we learn from cores\*?

\* Cores: Geological samples in a cylindrical shape collected by drilling into geological layers beneath the seabed

## Task 1

What can you learn from this photograph?



## Task 2

What can you learn from this core?



## Task 3

Write down your thoughts to the Research Question.



# What clever ideas were needed to drill deep beneath the seabed?

## Task 1

What challenges are there in seabed drilling?

## Task 2

How can the challenges considered in Task 1 be solved?

## Task 3

Write down your thoughts to the Research Question.



# What attitudes are needed in order to prepare for disasters?

## Task 1

What disaster reporting, warning, and prediction services are provided by agencies such as the Japan Meteorological Agency?

## Task 2

What are the advantages and disadvantages of the disaster reporting, warning, and prediction services listed in Task 1?

## Task 3

Write down your thoughts to the Research Question.



## Grade:

Class:

No.:

Name:

6

# What disaster prevention measures do you hope will be achieved 10 years from now?

## Task 1

A natural disaster can strike any time, even tomorrow. What can we do to prepare for it? On this basis, write your answer to the Research Question.

[illegible]



Grade:

Class:

No.:

Name:

**Review**

# Review Sheet 1

Write about what you have learned, any questions that remain unresolved, and your thoughts.

Date:

-----

-----

-----

-----

-----

-----

Date:

-----

-----

-----

-----

-----

-----

Date:

-----

-----

-----

-----

-----

-----



Grade:

Class:

No.:

Name:

**Review**

# Review Sheet 2

Write about what you have learned, any questions that remain unresolved, and your thoughts.

Date:

-----

-----

-----

-----

-----

-----

Date:

-----

-----

-----

-----

-----

-----

Date:

-----

-----

-----

-----

-----

-----



Grade:

Class:

No.:

Name:

**Supplement**

# Connecting with Things around You 1

How does what you have learned/will learn from this text relate to things around you and your life? Write down your thoughts.

Date:

-----

-----

-----

-----

-----

-----

Date:

-----

-----

-----

-----

-----

-----

Date:

-----

-----

-----

-----

-----

-----



Grade:

Class:

No.:

Name:

Supplement

# Connecting with Things around You 2

How does what you have learned/will learn from this text relate to things around you and your life? Write down your thoughts.

Date:

-----

-----

-----

-----

-----

-----

Date:

-----

-----

-----

-----

-----

-----

Date:

-----

-----

-----

-----

-----

-----



Grade:

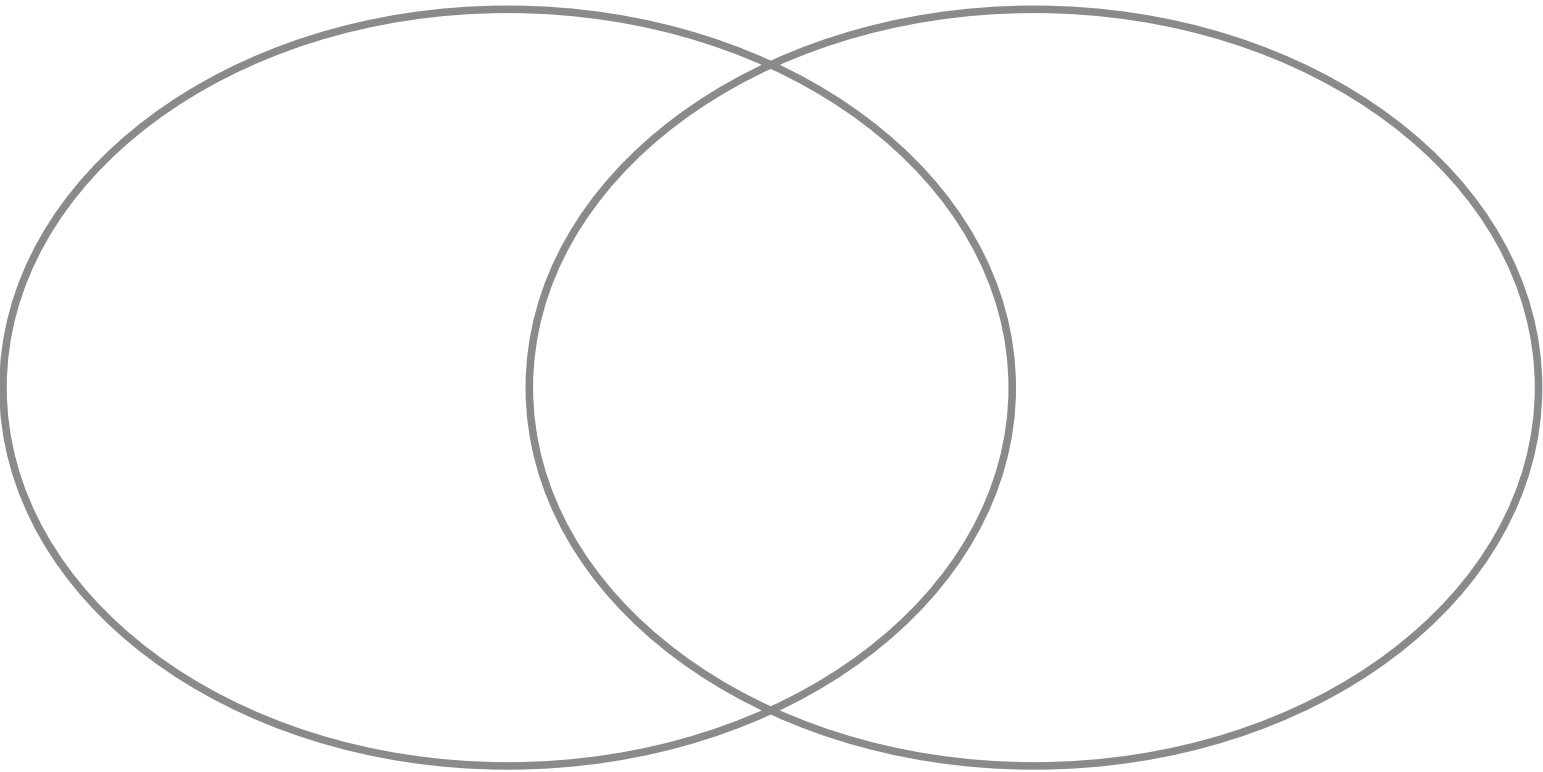
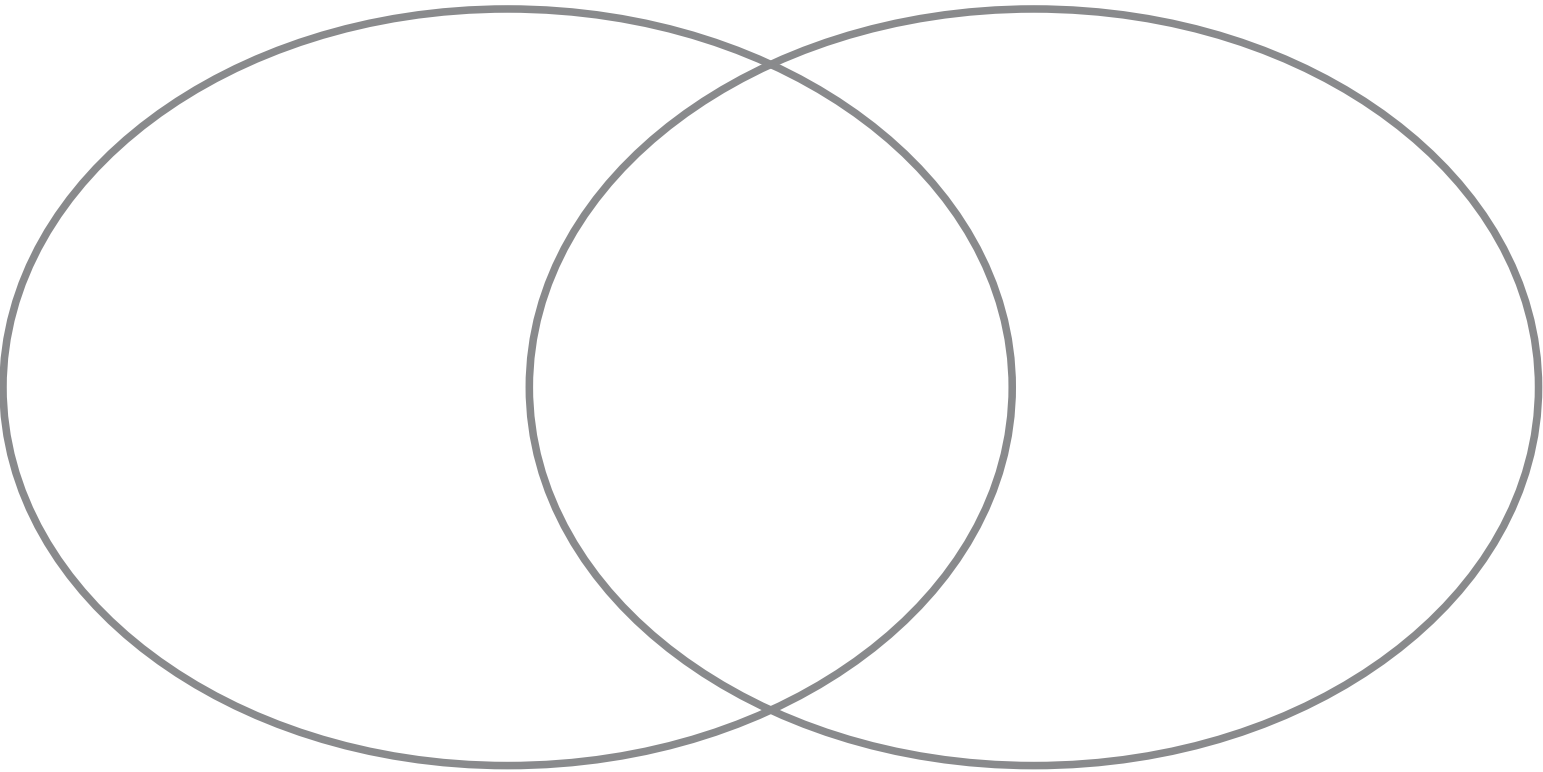
Class:

No.:

Name:

Thinking Tool

# Venn Diagram





Grade:

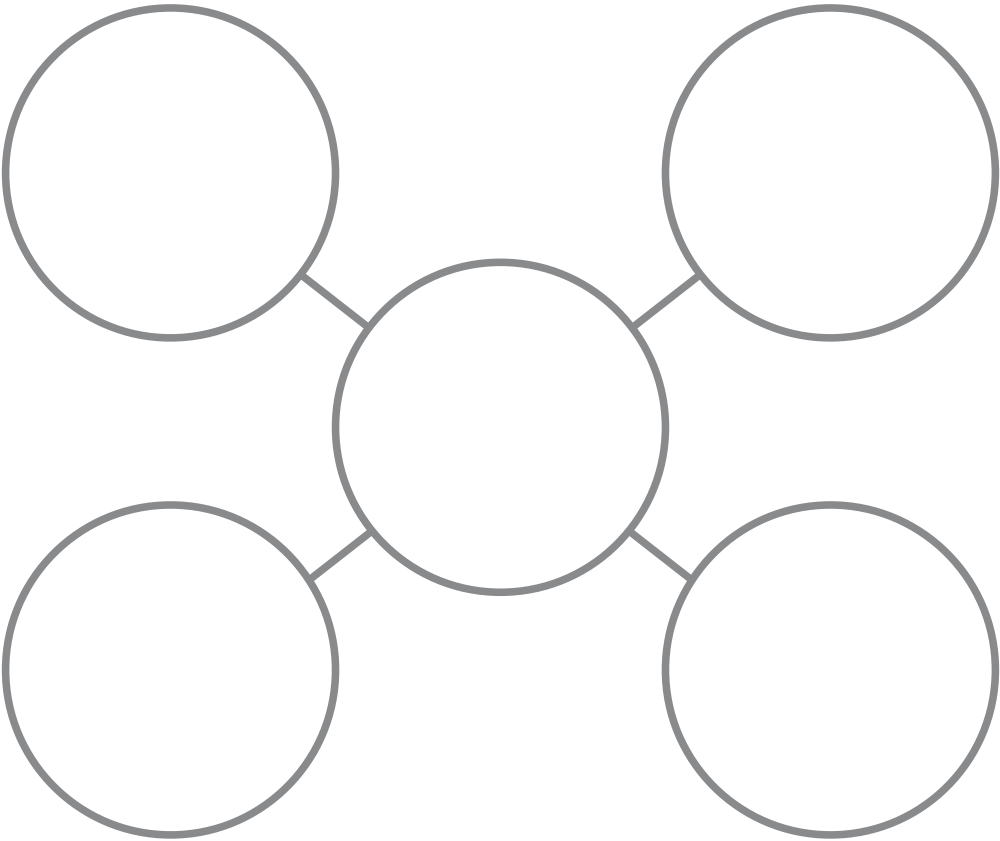
Class:

No.:

Name:

Thinking Tool

# Image Map





Grade:

Class:

No.:

Name:

Thinking Tool

# Bear Hand Chart

A diagram of a bear hand chart template. It consists of a central vertical line with four horizontal lines branching out to the right at different heights. The lines are evenly spaced and extend to the right edge of the page.

A second diagram of a bear hand chart template, identical to the one above. It consists of a central vertical line with four horizontal lines branching out to the right at different heights. The lines are evenly spaced and extend to the right edge of the page.



Grade:

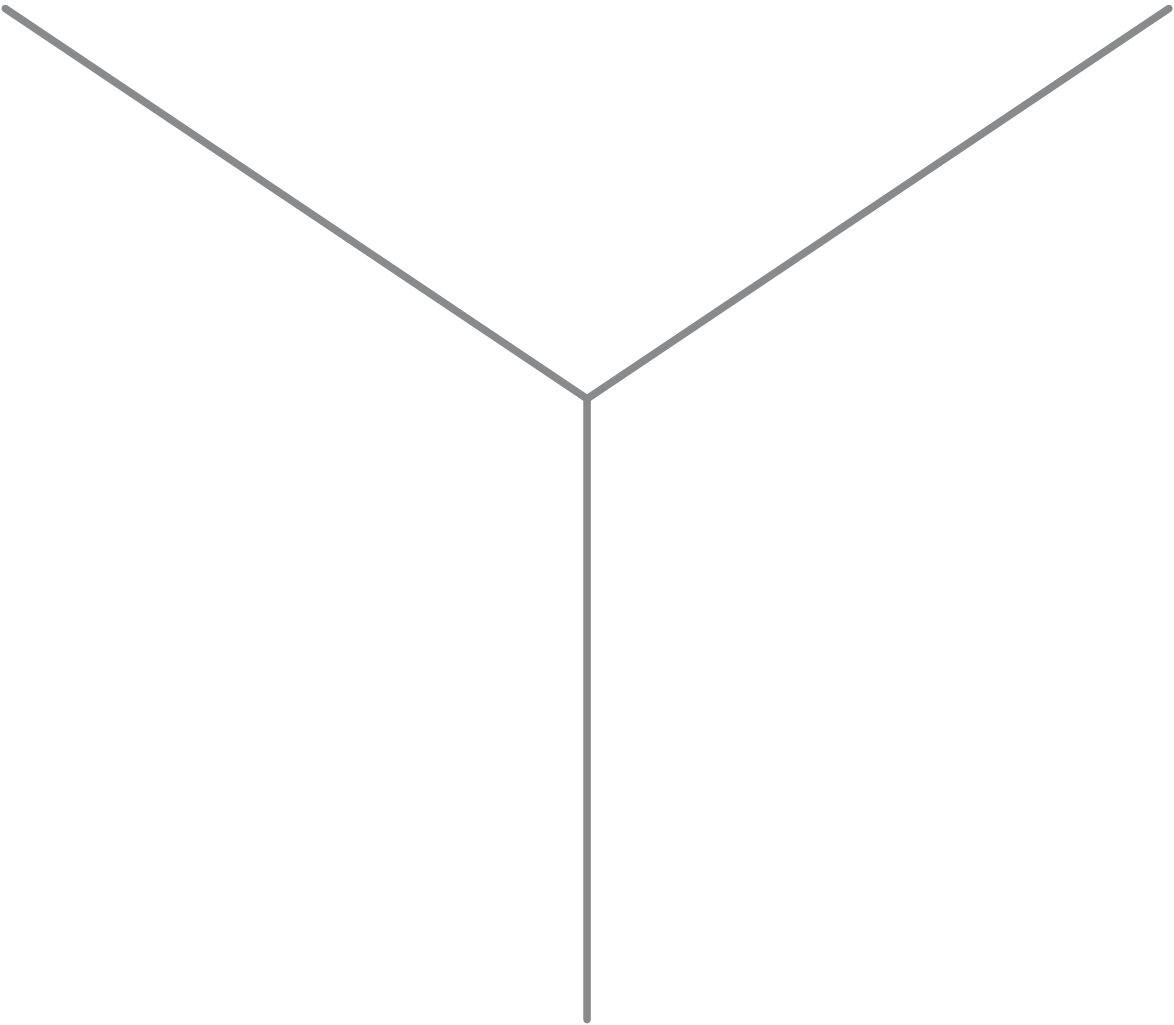
Class:

No.:

Name:

Thinking Tool

# Y Chart





Grade:

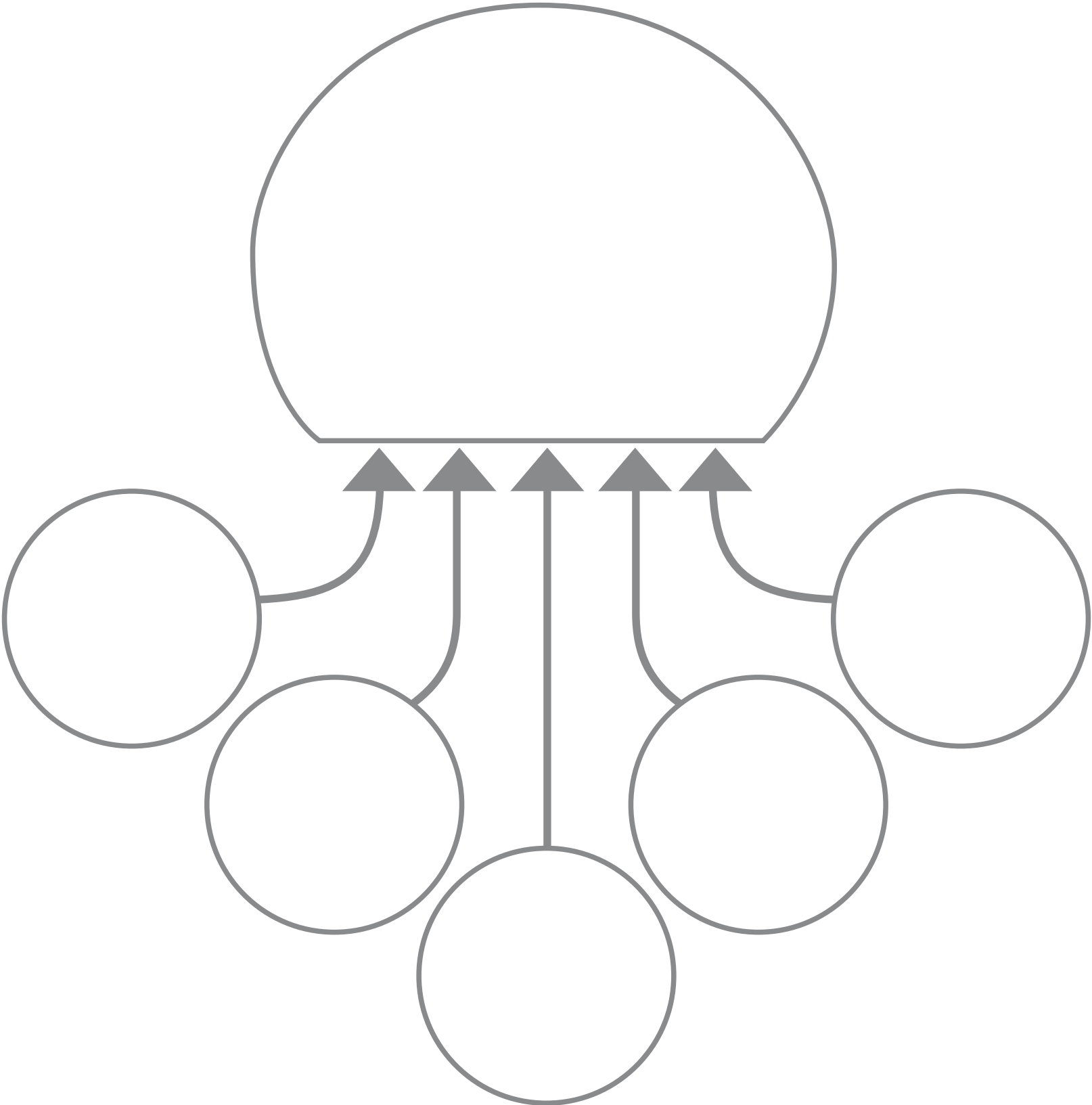
Class:

No.:

Name:

Thinking Tool

# Jellyfish Chart





Grade:

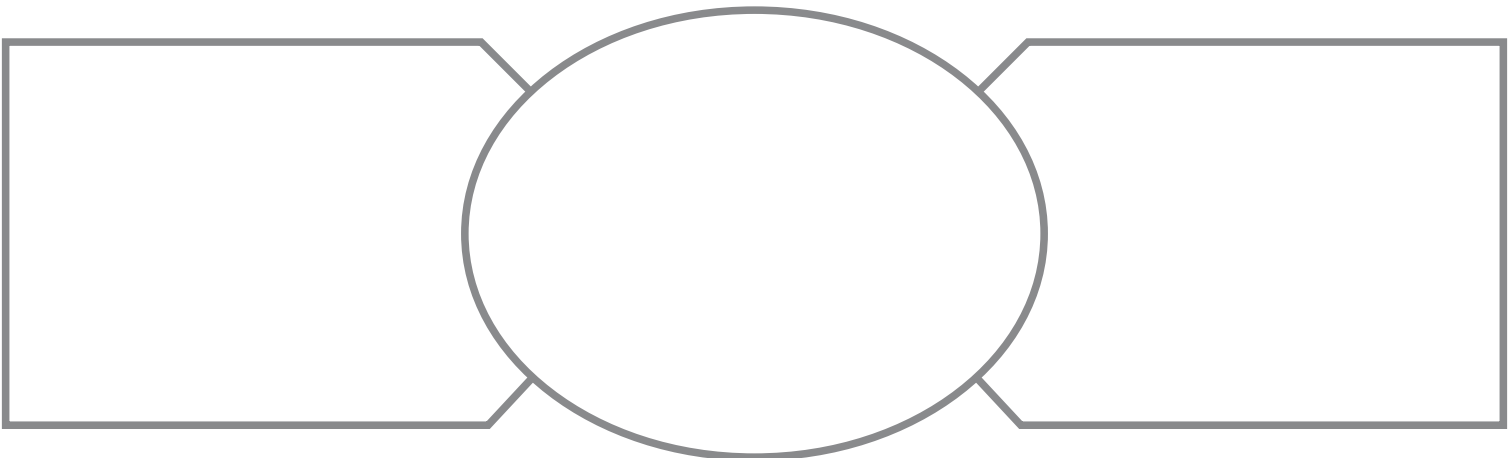
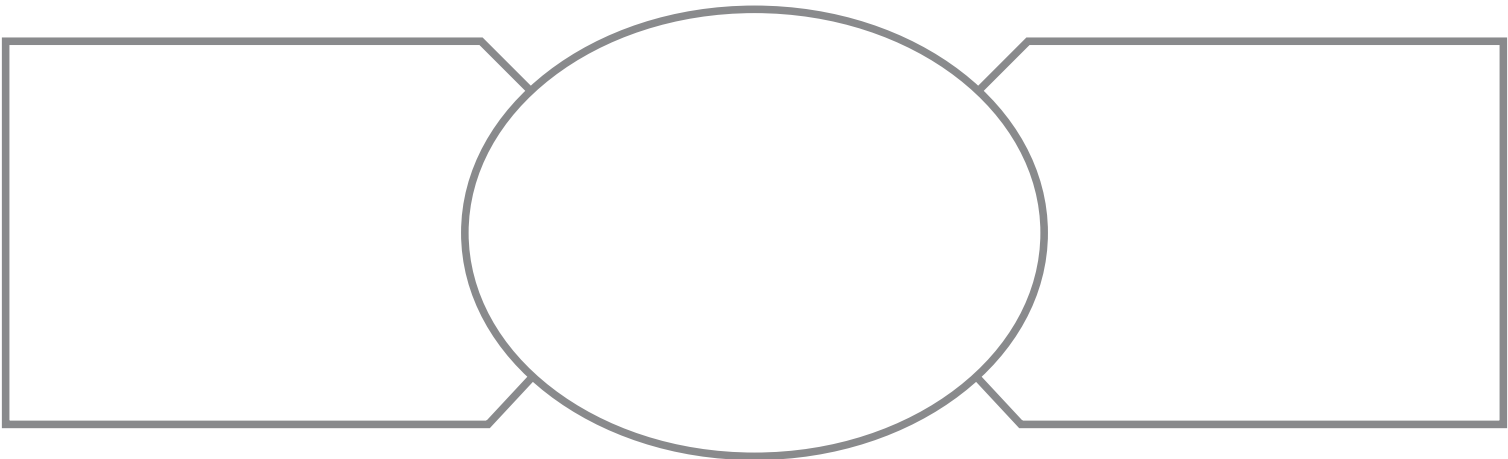
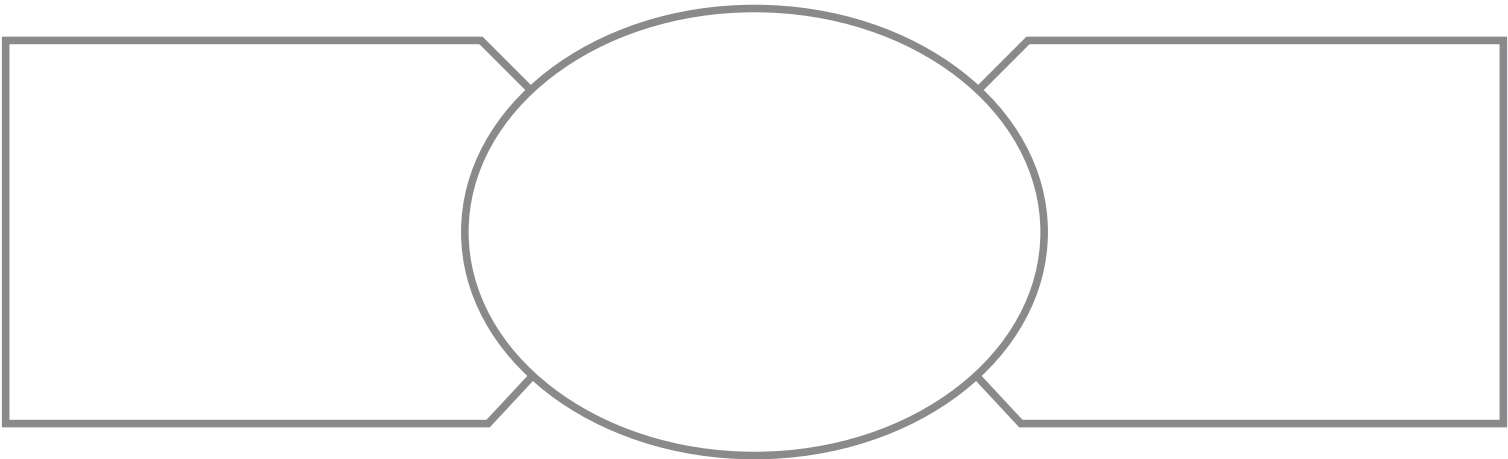
Class:

No.:

Name:

Thinking Tool

# Candy Chart





Grade:

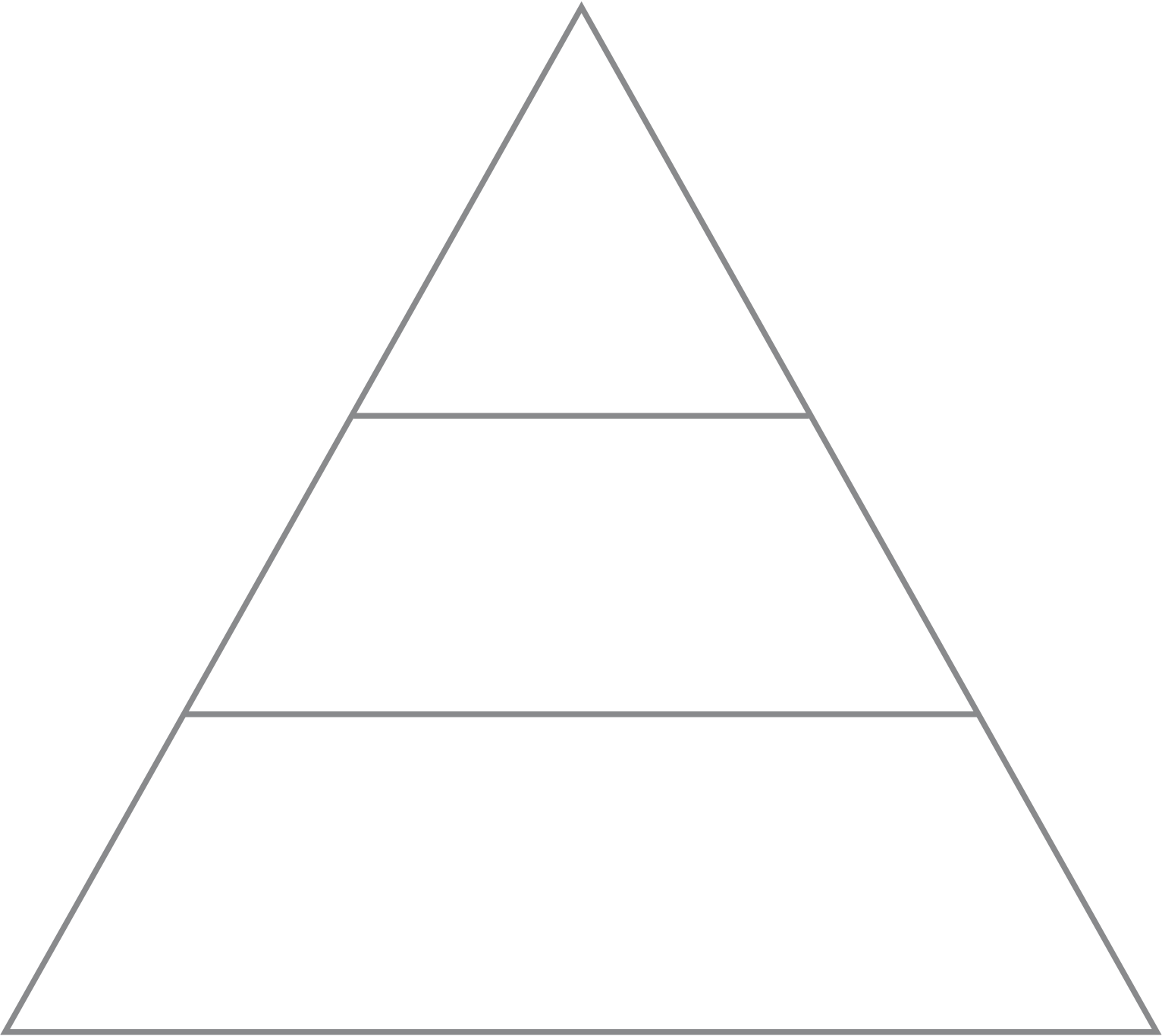
Class:

No.:

Name:

Thinking Tool

# Pyramid Chart





Grade:

Class:

No.:

Name:

Thinking Tool

# Onion Chart

