

حل تدريبات Changes Chemical and Physical التغيرات الفيزيائية والكيميائية منهج انسباير المسار المتقدم



تم تحميل هذا الملف من موقع المناهج الإماراتية

موقع المناهج ← المناهج الإماراتية ← الصف الخامس ← علوم ← الفصل الأول ← ملفات متنوعة ← الملف

تاريخ إضافة الملف على موقع المناهج: 2025-09-26 12:53:30

ملفات اكتب للمعلم اكتب للطالب | اختبارات الكترونية | اختبارات | حلول | عروض بوربوينت | أوراق عمل
منهج انجليزي | ملخصات وتقارير | مذكرات وبنوك | الامتحان النهائي | للمدرس

المزيد من مادة
علوم:

إعداد: السند

التواصل الاجتماعي بحسب الصف الخامس



صفحة المناهج
الإماراتية على
فيسبوك

الرياضيات

اللغة الانجليزية

اللغة العربية

التربية الاسلامية

المواد على تلغرام

المزيد من الملفات بحسب الصف الخامس والمادة علوم في الفصل الأول

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Physical and Chemical Changes: Changes in Matter





Select the best answer. Select the correct answer.

What type of changes are happening to the apple?



- A physical change happens because the apple softens and changes shape.
- There are no changes. The apple stays the same.
- A chemical change happens because the apple reacts with the air.
- Physical and chemical changes happen. The apple softens and changes shape, and new substances form.

Look and decide if each change is a physical change or a chemical change.

Physical Changes	Chemical Changes
 <p>squeezing apples</p>	 <p>cooking apples</p>
 <p>cutting apples</p>	 <p>rotting apples</p>

Select the best answer. Select the correct answer.

Which statement describes physical and chemical change when making cookies?

- Roll the dough and cut it into shapes.
- Bake the dough until it turns golden brown.
- Mix the ingredients together and bake the dough.
- Add chocolate chips to the dough and let it rest.

Choose the correct choice.

The image shows the same banana over six days. Which statement is TRUE?



- The banana shows signs of a change in state.
- The banana shows no sign of change.
- The banana shows signs of a chemical change.
- The banana shows signs of a physical change.

Choose the correct choice.

Which of the following is NOT an example of a chemical change?

- a solid forms when two liquids are mixed
- a piece of wood burns and forms smoke
- a nail rusts
- a paper is cut in half

Choose the correct answer.

When does a physical change occur?

- When matter changes into new substances, but keeps the same properties.
- When matter changes its physical properties and forms new substances.
- When matter changes into new substances with different chemical properties.
- When matter changes its physical properties but does not form new substances.

Select the correct choices.

Which of the following are examples of a physical change?

- ☐ rolling paper into a ball
- ☐ cooking an egg
- ☐ burning paper
- ☐ ice melting
- ☐ an iron nail rusting
- ☐ baking soda reacting with vinegar

Select the correct choices from the drop-down menus.

When apples are sliced, it is a change in theof the apple.

Slicing apples is an example of a

Select the correct choice from the drop-down menu.

A occurs when the shape, size, texture, or state of a substance changes without becoming a new substance.

Select the best choices from the drop-down menus.

..... occurs when matter changes and forms a new substance.

.....occurs when the form of a substance changes without changing the type of matter.

Drag and drop the correct option to complete the sentence.

If you fold a piece of paper, its size and shape will change. This is called a

- ☐ chemical change
- ☐ change of state
- ☐ physical change
- ☐ chemical reaction

Drag and drop the correct choice to complete the sentence.

A color change when bread is toasted is a sign of a

- ☐ chemical change
- ☐ change in state
- ☐ physical change
- ☐ biological change

Choose the correct choice.

The image shows the same banana over six days. Which statement is TRUE?

- ☐ The banana shows signs of a chemical change.
- ☐ The banana shows no sign of change.
- ☐ The banana shows signs of a physical change.
- ☐ The banana shows signs of a change in state.

Select the correct choice from the drop-down menu.

Dissolving salt in water is a physical change because when the substances are mixed,

Drag and drop the correct choice to complete the sentence.

During a show of fireworks, changes in,are signs of chemical changes happening.

- ☐ size, shape, and temperature
- ☐ size, color, and state of matter
- ☐ state of matter, smell, and shape
- ☐ color, smell, and temperature

Select the correct choices.

Which of the following are examples of a physical change?

- ☐ ice melting
- ☐ cooking an egg
- ☐ baking soda reacting with vinegar
- ☐ rolling paper into a ball
- ☐ burning paper
- ☐ an iron nail rusting

Physical and Chemical Changes - Investigate

Select the best choice from the drop-down menu.

The scale reading would If the gas escaped from the balloon.

Select the best choice.

Why does the scale reading remain constant despite the production of gas?

- ☐ The scale measures only solids.
- ☐ The total amount of matter remains constant.
- ☐ The gas escapes quickly.
- ☐ The invisible gas doesn't affect the scale.

Select the correct choice.

Which of the following is a sign that a chemical reaction has occurred during this investigation?

- ☐ the vinegar evaporates
- ☐ the baking soda disappears
- ☐ the mass stays the same
- ☐ a gas is produced

Select the correct choice from the drop-down menu.

The states that matter cannot be created or destroyed.