

The Experiment

Classifying Exercise:

In this exercise, students will classify the words provided into three categories: actions, measurements, and descriptors.

Word Bank

measure ratio estimate transfer lower
length width counting "rate of growth"
adding amount exactly

Actions	Measurements	Descriptors

Fill-in-the-blank Exercise:

Scientist 1: Oliver, I'm worried about this experiment. We need to carefully (1) _____ the (2) _____ of liquid we're (3) _____ to the container.

Scientist 2: You're right Nancy. It's important to maintain a steady temperature. We should also (4) _____ the (5) _____ of the bacterium to human cells.

Scientist 1: I've been (6) _____ the cells, and it seems that the (7) _____ and (8) _____ of the cells have increased. I think the new liquid might have caused this change.

Scientist 2: Yes, and we need to (9) _____ the data to our records to determine the (10) _____ of growth. This could be a serious problem if the cells continue to grow at this pace.

Scientist 1: I agree. We need to be (11) _____ sure about its effects. We can't risk any mistakes. And we might need to (12) _____ the growth rate.

Scientist 2: We should also consider how different concentrations of the liquid might affect the growth rate. It could help us find the right balance.

Scientist 1: Good idea. Let's keep monitoring the experiment and make sure we're (13) _____ the right (14) _____ of liquid at each stage.

Scientist 2: Ok. We'll need to be extra careful not to (15) _____ the cells as we do so. If something goes wrong, the consequences could be disastrous.

Scientist 1: Absolutely. This experiment is too important to risk any (16) _____. Let's make sure we take every precaution necessary.

Classifying Exercise:

In this exercise, students will classify the words provided into three categories: actions, measurements, and descriptors.

Actions:

1. measure
2. estimate
3. transfer
4. lower
5. adding
6. counting

Measurements:

1. length
2. width
3. ratio
4. rate of growth
5. amount

Descriptors:

1. exactly
- 2.

Conversation Gap Fill Exercise:

Scientist 1: I'm worried about this experiment. We need to carefully (1) measure the (2) amount of liquid we're (3) adding to the container.

Scientist 2: You're right, it's important to maintain a steady temperature. We should also (4) estimate the (5) ratio of the bacterium to human cells.

Scientist 1: I've been (6) counting the cells, and it seems that the (7) length and (8) width of the cells have increased. I think the new liquid might have caused this change.

Scientist 2: Yes, and we need to (9) transfer the data to our records to determine the (10) rate of growth. This could be a serious problem if the cells continue to grow at this pace.

Scientist 1: I agree. We need to be (11) exactly sure about its effects. We can't risk any mistakes. And we might need to (12) lower the growth rate.

Scientist 2: We should also consider how different concentrations of the liquid might affect the growth rate. It could help us find the right balance.

Scientist 1: Good idea. Let's keep monitoring the experiment and make sure we're (13) adding the right (14) amount of liquid at each stage.

Scientist 2: We'll need to be extra careful not to (15) disturb the cells as we do so. If something goes wrong, the consequences could be disastrous.

Scientist 1: Absolutely. This experiment is too important to risk any (16) errors. Let's make sure we take every precaution necessary.

New script

Oliver, I'm worried about this experiment. We need to carefully measure, the amount of liquid we're adding to the container.

You're right Nancy! It's important to maintain a steady temperature. We should also estimate, the ratio of the bacterium to human cells.

I've been counting the cells, and it seems that the length, and width of the cells, have increased. I think the new liquid might have caused this change.

Yes! And we need to transfer the data to our records, to determine the rate of growth. This could be a serious problem, if the cells continue to grow at this pace.

I agree! We need to be exactly sure about its effects. We can't risk any mistakes. And we might need to lower the growth rate.

We should also consider, how different concentrations of the liquid, might affect the growth rate. It could help us find the right balance.

Good idea. Let's keep monitoring the experiment, and make sure, we're adding the right amount of liquid, at each stage.

OK! We'll need to be extra careful not to disturb the cells. If something goes wrong, the consequences could be disastrous.

Absolutely! This experiment is too important to risk any errors. Let's make sure we take every precaution necessary.