

Dropzone Group - Example Problems

Name: _____

Date: _____

1. Complete the sentences to describe a start codon.

Move the correct answer to each box. Not all answers will be used.

triplet	doublet	peptide
glucose	amino acid	

Almost every organism begins the process of protein synthesis with a nucleotide sequence. This start codon is translated to a common in all organisms.

2. Select and drag the form of government to the correct box to complete each statement.

Speaker 1:

I know my government is a/an because I vote for government leaders and participate in civic responsibilities.

Speaker 2:

I know my government is a/an because leadership is inherited, and the next leader will be the son of the current leader.

Democracy	Monarchy
Theocracy	Oligarchy

- 3.

Caterpillars

The fifth grade class raised Monarch caterpillars. They kept the eggs in a cage at 25°C. Several of the eggs hatched at the end of the first day. Every day the class fed each caterpillar three leaves from the Missouri milkweed plant. The class decided that they would monitor the growth rate of the caterpillars. The students measured the caterpillars at 1:30 p.m. every day for five days.

Put these steps of an experiment in the correct order.

Collect, record data
Write a hypothesis
Write a conclusion
Write a testable question
Do the experiment

The first one has been done for you.

1. Write a testable question
2. _____
3. _____
4. _____
5. _____

4. Choose the options that best complete the sentence. Drag and drop your answer choices into the correct boxes.

and both either

The diner offered popcorn tortilla chips with another snack in the daily special.

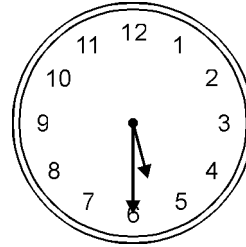
5. Choose the options that best complete the sentence. Drag and drop your answer choices into the correct boxes.

First, they went First they went,
and then and then,

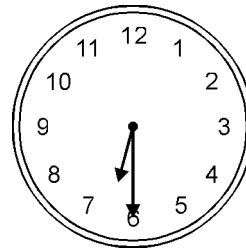
to see the new movie,
 they bought the video game.

6. In the boxes, move the correct times to complete each sentence.

4:00 5:00 6:00
7:00 8:00 9:00



The time on the clock is between and .



The time on the clock is between and .

7. The carry-on luggage for a short business flight consists of c computer bags, b briefcases, and s satchels. Create an expression for the ratio of briefcases to the total number of carry-on luggage. Use the choices shown.

b c s
 $(b + c)$ $(b + x)$ $(c + b + s)$

:

8. Drag an expression into each space to create a true equation. Not all expressions will be used.

2×9 3×3 6×2 6×3

4×4 4×5 3×5 2×7

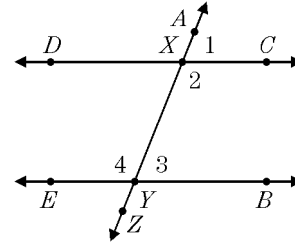
$17 + 9 = \square + 17$

$49 + 18 = 49 + \square$

$8 + \square = 14 + 8$

$37 + 16 = \square + 37$

9. Refer to the model. Complete each sentence using the choices below.



$\angle XYB$ $\angle CXY$ $\angle DXZ$

$\angle AYE$ $\angle AYB$

Another name for $\angle 4$ is .

Another name for $\angle 2$ is .

10. The Cram-A-Lot commercial trash compactor is a rectangular prism that has a volume of 168 cubic feet. Use the following choices to complete the volume calculation to show the dimensions of the compactor.

3 feet 4 feet 5 feet 6 feet 7 feet 8 feet

\times \times = 168 cubic feet

1.
Answer: [A],[E]
Objective: B.06B
Points: 1
2.
Answer: [A],[B]
Points: 1
3.
Answer: [],[],[],[]
Points: 1
4.
Answer: [B],[A]
Points: 1
5.
Answer: [A],[C]
Points: 1
6.
Answer: [B],[C],[C],[D]
Points: 1
7.
Answer: [A],[F]
Points: 1
8.
Answer: [B],[D],[H],[E]
Points: 1
9.
Answer: [D],[B]
Points: 1
10.
Answer: [B],[D],[E]
Points: 1