



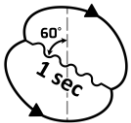
# Scents and Scents-Ability!

Each puzzle results in a code word or words, which must be entered to stop the clock.

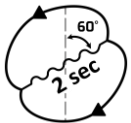
The Department of Defense has drafted colonies of honey bees to detect landmines. At a training facility, feeding stations with TNT laced sugar water are placed 600 to 1800 meters from the hive. Bees are quick learners with a 99% success rate in identifying explosives. To thwart the training, Upton O. Goode, a snubbed former employee, has just placed decoy feeding stations in the field. Follow the trained bees' directions to the correct stations by observing them inside the hive on their vertical dance floor. Your job is to foil Upton's plot and find out what contributes to holding colony social structure together.

Choose correct responses:

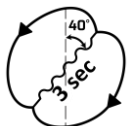
1. The sunward direction on their dance floor is always represented



differently over time.



as up.

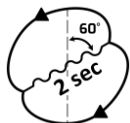


as south.

2. The waggle dance communicates



direction to food source.

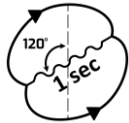


distance to food source.

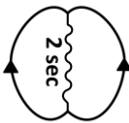


profitability of food source.

3. The waggle run gives the direction of the food source relative to the



nearest landmark.

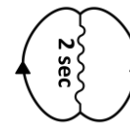


horizon.

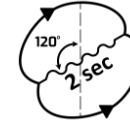


sun.

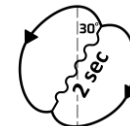
4. As the distance from the hive to a food source increases, the waggle run



tempo increases.

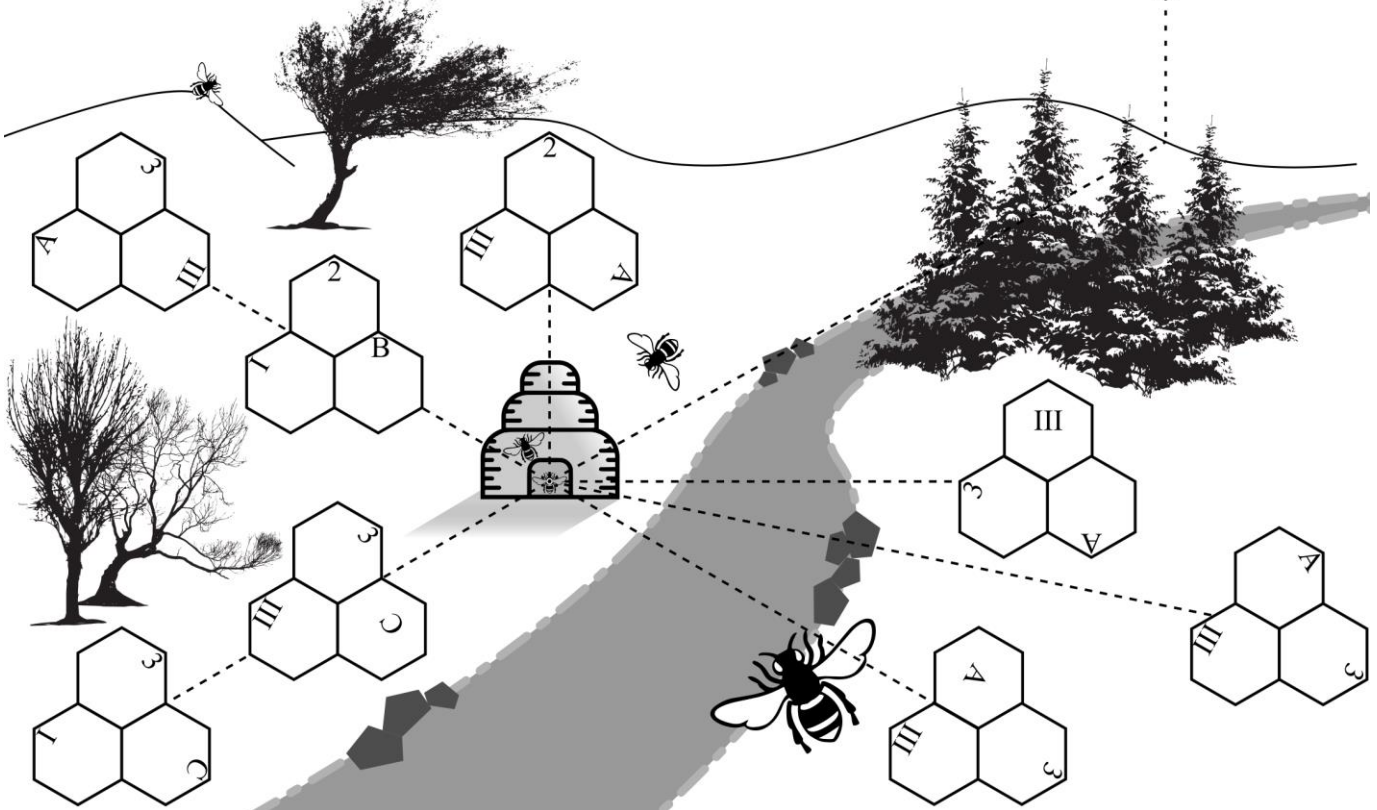


tempo decreases.



duration increases.

Clue: \_\_\_\_\_

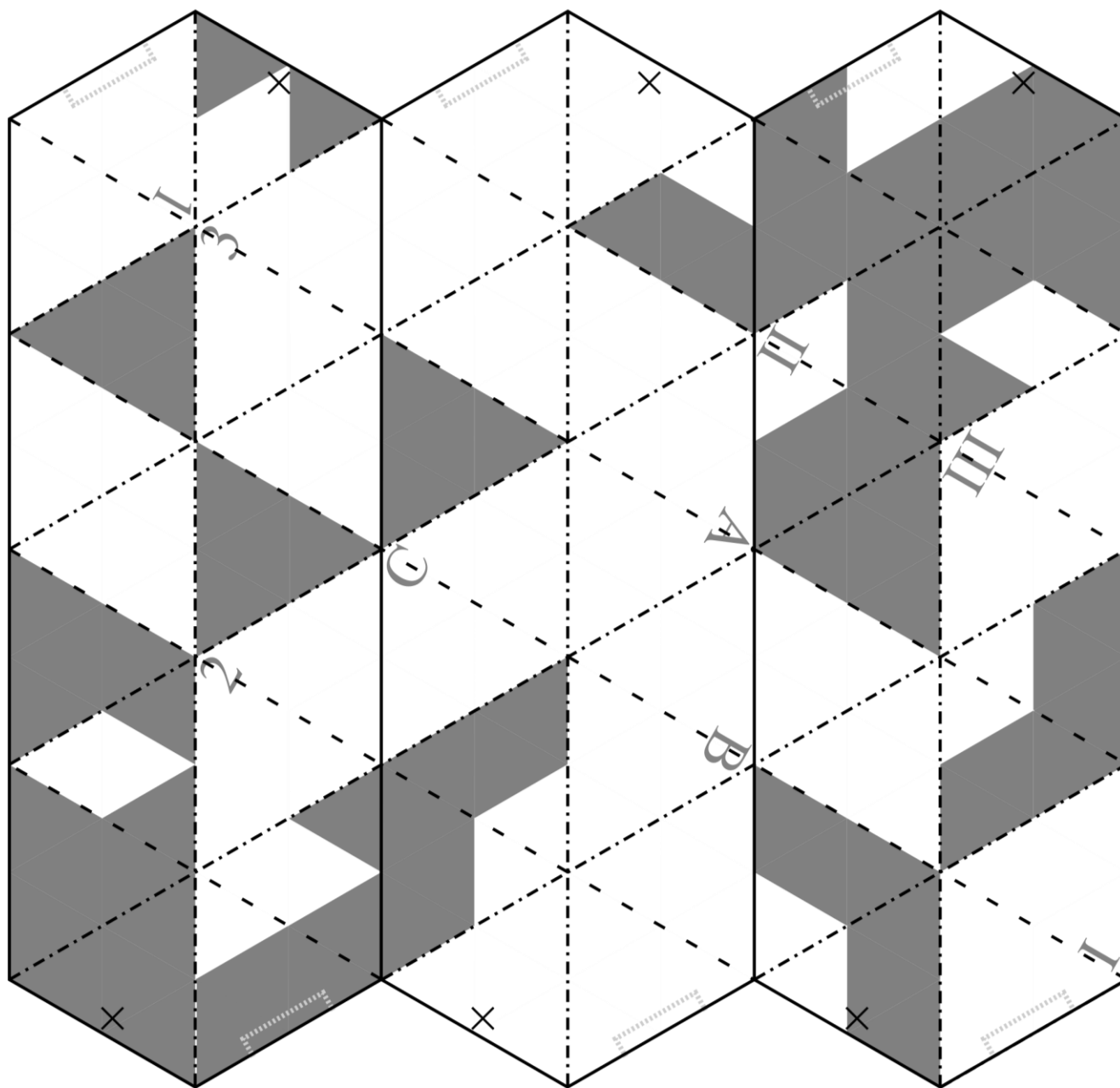


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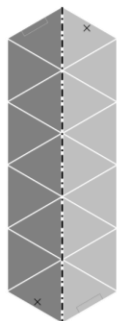
(Code Words)



Instructions: Cut out, precrease, and then follow construction guide below.



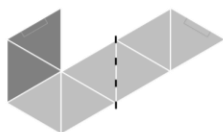
## Construction



Fold



Fold



Fold  
Back



Tuck  
Under



Align and  
Tape

## Key

Cut	—————
Ridge	- - - - -
Valley	- - - - -
Align	X X
Tape	—————