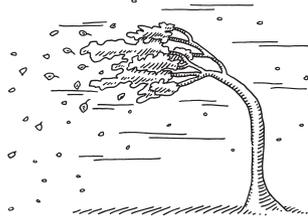


Wind

Name: _____

Wind Facts

- Wind is air in motion.
- When warm air rises, cool air moves in and replaces the rising warm air. The movement of air is what makes the wind blow.
- Wind can be used to create electricity. It is a cheap renewable energy source.
- People have been harnessing wind energy for more than 5000 years.
- The highest wind speed recorded was over 400 kph.
- Wind is important to plants as a method of seed dispersal.



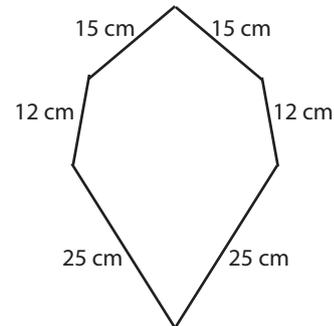
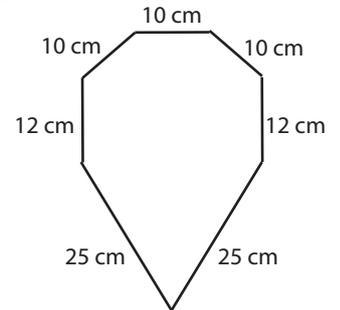
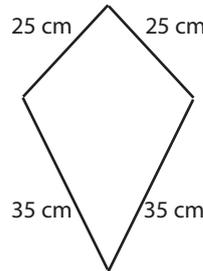
Wind Writing Activities

Select one of the following to write about.

1. Kite flying and sailing are activities that rely on the wind. How many more can you find? Write about the wind activity you enjoy doing the most.
2. Write a report about the advantages of generating electricity from the wind. Are there any disadvantages?
3. List some 'wind adjectives'. Using some of these descriptive words, write a short poem about the wind in the shape of a kite.

Perimeters

Below are some of Dani's kite designs.



Which design has the longest perimeter

Which design has the shortest perimeter?

Do you know any more facts about wind?

How do we measure wind?

Wind is described with direction and speed.

Wind or weather vanes are one of the oldest of all weather instruments. They swing around in the wind to show which direction it is blowing from.



Another device used to measure wind is a wind sock.

The main instrument used to measure the speed of the wind is an anemometer. The cups on this device catch the wind and spin round at different speeds according to the strength of the wind.

Design and make a simple wind sock or wind vane.

Extension Research

Research and explain the following wind terms:

jet stream, trade winds, doldrums,
Beaufort scale, sea breeze