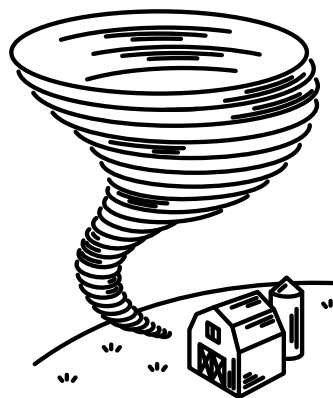


Name: _____

Tornado Talk

Scientists use the Enhanced Fujita scale to measure tornadoes. The chart below shows this scale. It lists the rankings of tornadoes, the wind speeds of each rank, and the kinds of damage tornadoes in each rank can cause. Use it to answer the questions.



| Rank | Wind Speed | Type of Damage |
|------|-------------------------------|---|
| EF-0 | 65 to 85 miles per hour (mph) | Winds can cause some damage to sides of, and shingles on, homes and buildings. |
| EF-1 | 86 to 110 mph | Winds can uproot trees and overturn mobile homes. Flagpoles bend. |
| EF-2 | 111 to 135 mph | Most mobile homes are destroyed. Permanent homes can shift off their foundations. Flagpoles often break. Bark comes off softwood trees. |
| EF-3 | 136 to 165 mph | Houses are almost completely destroyed. Bark comes off hardwood trees. |
| EF-4 | 166 to 200 mph | Well-built homes and large sections of school buildings are destroyed. |
| EF-5 | Above 200 mph | Mid- and high-rise buildings are destroyed. |

Source: National Oceanic and Atmospheric Administration

1. What is the lowest wind speed of an EF-4 tornado? _____
2. What would be the rank of a tornado with winds of 165 mph? _____
3. At what wind speeds would a flagpole bend? _____
4. The tornado in Moreland, Georgia, had a top wind speed of about 135 miles per hour. What rank would this tornado get? _____