

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Proportion Worksheet**

**Read the following problems and identify if it is directly or inversely proportional.**

1. Four squirrels have 30 berries each. But before they start eating, two more squirrels join the group. They share the berries equally amongst themselves.
2. A road map of India has a scale of 1 cm representing 49 km. Mumbai and Bangalore are 20 cm away on this map. What is the actual distance between Mumbai and Bangalore?
3. It took 20,000 people 20 years to build Taj Mahal. Each worker works at the same rate. How long would it have taken for 25, 000 workers to build the Taj Mahal?
4. Sal makes 10 videos a day. How many videos can he make in 14 days?
5. Four squirrels have 18 berries each. But before they start eating, five more squirrels join the group. They share the berries equally amongst themselves. How many berries will each squirrel get to eat?
6. Sal makes 8 videos a day. How many videos can Sal make in 21 days?
7. It usually takes Superman 180 minutes to fly from Earth to Krypton. He is running late today and has decided to fly at double the usual speed. How long will it take Superman to fly from Earth to Krypton at double the usual speed?