

Name \_\_\_\_\_

### Camping Estimation Word Problems Answer Key

1. Approximately 8 tents (30 people / 4 people per tent) are needed for the camping trip.

2. Approximately 14 bags (20 people x 2 marshmallows per person / 30 marshmallows per bag) of marshmallows are needed.



3. Approximately 6 fuel canisters (2 hours/day x 3 days) are needed for the 4-day camping trip.

4. The comfort level of the sleeping bag is approximately 23 degrees Fahrenheit ( $-5$  degrees Celsius x  $9/5 + 32$ ).

5. The campers need to walk approximately 1,000 meters (500 meters + 500 meters) to meet each other.

6. The total weight of the backpack is approximately 17 kilograms (2 kilograms + 15 kilograms) when filled with camping gear.

7. Approximately 60 liters (2 liters/day x 10 people x 3 days) of water are needed for the camping trip.

8. The group can spend approximately 10 hours (2 hours/bundle x 5 bundles) around the campfire.

9. Approximately 150 square meters (30 campers x 5 square meters per camper) of space are required for the group of 30 campers.

10. Approximately 6 bottles (10 applications/bottle x 2 applications/day x 5 days) of insect repellent are needed for the 5-day camping trip.