

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

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## Weight on Mars

Mars has only 38% of Earth's gravity, which means something that weighs 100 pounds on Earth would only weigh 38 pounds on Mars. Use this to calculate the weight on Mars for the following items:

1. Your weight on Mars:
2. A 2,000 pound car:
3. A 5-pound hammer:
4. A 400 pound pony:
5. A 100-pound backpack:
6. 50 pounds of food:
7. If you were setting up a colony on Mars, how would the difference in gravity affect you? What things would be easier, and what might be harder?

