



Weight and Mass

TAKS Objective 4
TEKS 4.11E

Use the rules to solve each problem. Round weights to the nearest pound.

To find weight on...	Follow this rule:
Moon	Divide weight on Earth by 6
Mars	Divide weight on Earth by 3
Jupiter	Multiply weight on Earth by 5, then divide by 2

1. If the weight of an object is 40 lb on Earth, how much will it weigh on Jupiter?

2. A box of books weighs 72 lb on Earth. How much would the box weigh on Mars?

3. Jonathon weighs 126 lb on Earth. How much would he weigh on the Moon?

4. How much would a 228 lb donkey weigh on Mars?

5. An object weighs 36 lb on the Moon. What is the object's weight on Earth?

6. If the weight of an object is 42 lb on Mars, what is its weight on Earth?
