MASS-WEIGHT-SET-5-MS

1   Which row gives the correct weight for the mass shown?

The value of *g* is 10 N/kg.

	mass/kg	weight/N
✔ A	2	20
B	10	1
C	10	10
D	20	2

2   A space probe is taken from the Earth to Mars.

The force of gravity on the surface of Mars is less than the force of gravity on the surface of the Earth.

How do the weight and the mass of a space probe on the surface of Mars compare to their values when the probe is on the surface of the Earth?

	weight on Mars	mass on Mars
A	decreased	decreased
✔ B	decreased	unchanged
C	unchanged	decreased
D	unchanged	unchanged