QUEBEC PHYSICS, SECONDARY V · UNIT B

Dynamics — Practice Test

Quebec Physics, Secondary V • 10 questions

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Use g = 9.8 metres per second squared . A mass of 2 kilograms has weight , in newtons , of**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Two perpendicular forces of 3 newtons and 4 newtons act on an object. The magnitude of their resultant, in newtons, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Use g = 9.8 metres per second squared . A block of mass 10 kilograms rests on a surface with coefficient of friction 0.5 . The maximum static friction force , in newtons , is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The SI unit of force is the**

A joule

B watt

C pascal

D newton

Understand It with Pulse | Flag a mistake

5 **Weight is a force caused by**

A friction

B gravity

C magnetism

D electricity

Understand It with Pulse | Flag a mistake

6 **When forces on an object balance, its acceleration is**

A maximum

B negative

C positive

D zero

Understand It with Pulse | Flag a mistake

7 **Use g = 9.8 metres per second squared . A mass of 5 kilograms has weight , in newtons , of**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **Two perpendicular forces of 6 newtons and 8 newtons act on an object. The magnitude of their resultant, in newtons, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **Use g = 9.8 metres per second squared . A block of mass 5 kilograms rests on a surface with coefficient of friction 0.2 . The maximum static friction force , in newtons , is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **Use g = 9.8 metres per second squared . A mass of 10 kilograms has weight , in newtons , of**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	19.6	**5.**	B	**9.**	9.8
2.	5	**6.**	D	**10.**	98
3.	49	**7.**	49		
4.	D	**8.**	10		

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