

Umumta'lim maktabning 2025-2026 o'quv yili 7-sinf o'quvchilarining fizika fanini o'zlashtirish darajasini aniqlash uchun test, savol, masala va topshiriqlar varianti

7- ____ sinf o'quvchisi

F.I.SH.

O'quvchi to'plagan umumiy ball: ____ (maksimal ball: 30)

BSB-1

	Baholash mezon	Ball												
1	To'g'ri javob: <table border="1"> <thead> <tr> <th>Fizik kattalik</th><th>Belgilanishi</th><th>Birligi (SI)</th></tr> </thead> <tbody> <tr> <td>Tezlik</td><td>v</td><td>m/s</td></tr> <tr> <td>Masofa</td><td>s</td><td>m</td></tr> <tr> <td>Vaqt</td><td>t</td><td>s</td></tr> </tbody> </table> Har bir to'g'ri javobli qator uchun 1 balldan	Fizik kattalik	Belgilanishi	Birligi (SI)	Tezlik	v	m/s	Masofa	s	m	Vaqt	t	s	3
Fizik kattalik	Belgilanishi	Birligi (SI)												
Tezlik	v	m/s												
Masofa	s	m												
Vaqt	t	s												
2	To'g'ri javob: <u>1,3,5</u> Har bir tanlangan to'g'ri javob uchun 1 balldan	3												
3	To'g'ri javob: <table border="1"> <tbody> <tr> <td align="center">1</td><td align="center">2</td><td align="center">3</td></tr> <tr> <td align="center">N</td><td align="center">K</td><td align="center">M</td></tr> </tbody> </table> Har bir to'g'ri moslashtirilgan javob uchun 1 balldan	1	2	3	N	K	M	3						
1	2	3												
N	K	M												
4	<i>Berilgan :</i> $s_1 = 500 \text{ m}$ $t_1 = 5 \text{ minut}$ $t_2 = 0,5 \text{ soat}$ $s_2 = ?$ [1] $t_1 = 5 \text{ minut} = 300 \text{ s}$ [1] $t_2 = 0,5 \text{ soat} = 1800 \text{ s}$ [1] Traktor tezligi o'zgarmas bo'lgani uchun: $\frac{s_1}{t_1} = \frac{s_2}{t_2}$ [1]	7												

	$s_2 = \frac{s_1 t_2}{t_1} \quad [1]$ <i>Hisoblash:</i> $s_2 = \frac{500 \text{ m} \cdot 1800 \text{ s}}{300 \text{ s}} = 9000 \text{ m} \quad [1]$ $s_2 = 9 \text{ km}$ <i>Javob:</i> Traktor $s_2 = 9 \text{ km}$ yo'l bosadi. [1]	
5	To'g'ri javob: a) "Tezlik va vaqt orasidagi bog'lanish" [1] b) "0 – 20 s" [2] c) $s = v \cdot t$ [2] $s = 6 \cdot 20 = 120 \text{ m} \quad [3]$ d) $s = s_1 + s_2$ [2] $s = 6 \cdot 20 \text{ m} + \frac{6+14}{2} \cdot 40 \text{ m} = (120 + 400) \text{ m} = 520 \text{ m} \quad [4]$	14