

Worksheet: Writing Kinematic Word Problems $v_{\text{final}} = v_{\text{initial}} + at$

NAME:

Write a word problem that solves for acceleration.

Checklist:

1. Does your problem have information about the initial velocity, the final velocity, and time?
2. Do all of your values have units?
3. Does your problems make sense?

Solve your problem

Givens	Work
Answer	

Worksheet: Writing Kinematic Word Problems $v_{\text{final}} = v_{\text{initial}} + at$

NAME:

Rewrite your word problem that solves for acceleration to be solved by another group.

1. Solve the problem above
2. Highlight your "proof" for assigning variables
3. List the givens
4. Solve
5. Write your answer with the proper units

Givens	Work
Answer	

Worksheet: Writing Kinematic Word Problems $v_{\text{final}} = v_{\text{initial}} + at$

NAME:

Write a word problem that solves for initial velocity.

Checklist:

1. Does your problem have information about the acceleration, the final velocity, and time?
2. Do all of your values have units?
3. Does your problems make sense?

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Solve your problem

Givens	Work
Answer	

Worksheet: Writing Kinematic Word Problems $v_{\text{final}} = v_{\text{initial}} + at$

NAME:

Rewrite your word problem that solves for initial velocity to be solved by another group.

1. Solve the problem above
2. Highlight your "proof" for assigning variables
3. List the givens
4. Solve
5. Write your answer with the proper units

Givens	Work
Answer	

Worksheet: Writing Kinematic Word Problems $v_{\text{final}} = v_{\text{initial}} + at$

NAME:

Write a word problem that solves for final velocity.

Checklist:

1. Does your problem have information about the initial velocity, the acceleration, and time?
2. Do all of your values have units?
3. Does your problems make sense?

Solve your problem

Givens	Work
Answer	

Worksheet: Writing Kinematic Word Problems $v_{\text{final}} = v_{\text{initial}} + at$

NAME:

Rewrite your word problem that solves for final velocity to be solved by another group.

1. Solve the problem above
2. Highlight your "proof" for assigning variables
3. List the givens
4. Solve
5. Write your answer with the proper units

Givens	Work
Answer	

Worksheet: Writing Kinematic Word Problems $v_{\text{final}} = v_{\text{initial}} + at$

NAME:

Write a word problem that solves for time.

Checklist:

1. Does your problem have information about the initial velocity, the final velocity, and acceleration?
2. Do all of your values have units?
3. Does your problems make sense?

Solve your problem

Givens	Work
Answer	

Worksheet: Writing Kinematic Word Problems $v_{\text{final}} = v_{\text{initial}} + at$

NAME:

Rewrite your word problem that solves for time to be solved by another group.

1. Solve the problem above
2. Highlight your "proof" for assigning variables
3. List the givens
4. Solve
5. Write your answer with the proper units

Givens	Work
Answer	