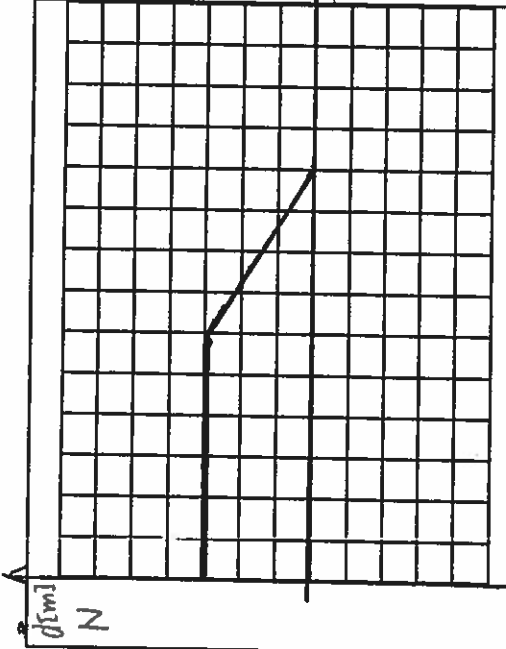


DISPLACEMENT-TIME GRAPHS



Initial displacement: _____
 Final displacement: _____
 Length of the time interval: _____
 Initial velocity: _____
 Final velocity: _____
 Total distance traveled: _____

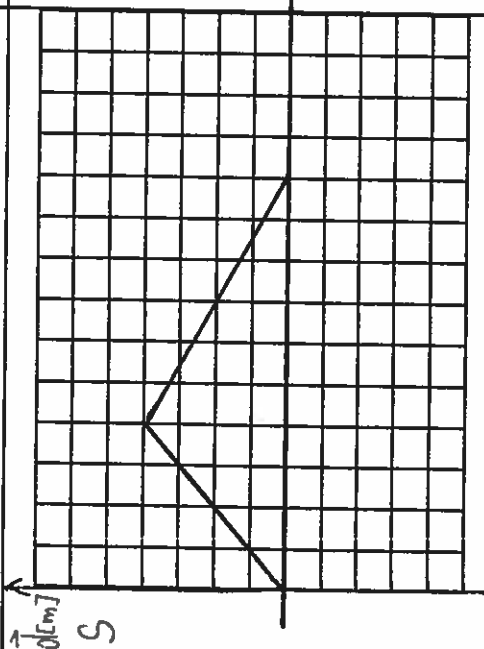
$\Delta \vec{d} =$ _____

Average velocity during the first 8 seconds:

Uniform OR non-uniform? (circle the correct one)

Instantaneous velocity at $t=2s$:

Average velocity $\underline{\underline{=}}$ instantaneous velocity



Initial displacement: _____
 Final displacement: _____
 Length of the time interval: _____
 Initial velocity: _____
 Final velocity: _____
 Total distance traveled: _____

$\Delta \vec{d} =$ _____

Average velocity during the first 5 seconds:

Uniform OR non-uniform? (circle the correct one)

Instantaneous velocity at $t=3s$:

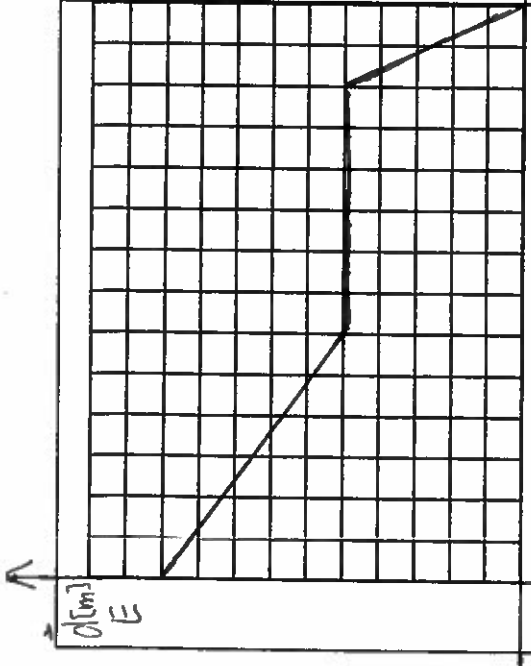
Average velocity $\underline{\underline{=}}$ instantaneous velocity

Notes:

$\Delta \vec{d} =$ _____

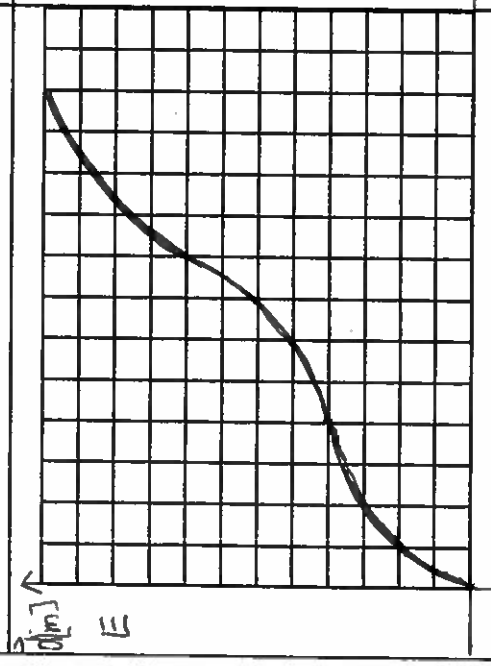
	<p>Initial displacement: _____</p> <p>Final displacement: _____</p> <p>Length of the time interval: _____</p> <p>Initial velocity: _____</p> <p>Final velocity: _____</p> <p>Total distance traveled: _____</p> <p>$\Delta \vec{d} =$ _____</p>	<p>Average velocity during the first 10 seconds:</p> <p>Uniform OR non-uniform? (circle the correct one)</p> <p>Instantaneous velocity at $t=10s$: _____</p> <p>Average velocity $\bar{v} =$ _____ Instantaneous velocity</p>
	<p>Initial displacement: _____</p> <p>Final displacement: _____</p> <p>Length of the time interval: _____</p> <p>Initial velocity: _____</p> <p>Final velocity: _____</p> <p>Total distance traveled: _____</p> <p>$\Delta \vec{d} =$ _____</p>	<p>Average velocity during the first 8 seconds:</p> <p>Uniform OR non-uniform? (circle the correct one)</p> <p>Instantaneous velocity at $t=3s$: _____</p> <p>Average velocity $\bar{v} =$ _____ Instantaneous velocity</p>
	<p>Initial displacement: _____</p> <p>Final displacement: _____</p> <p>Length of the time interval: _____</p> <p>Initial velocity: _____</p> <p>Final velocity: _____</p> <p>Total distance traveled: _____</p> <p>$\Delta \vec{d} =$ _____</p>	<p>Average velocity during the first 8 seconds:</p> <p>Uniform OR non-uniform? (circle the correct one)</p> <p>Instantaneous velocity at $t=2s$: _____</p> <p>Average velocity $\bar{v} =$ _____ Instantaneous velocity</p>

$$\Delta \vec{d} =$$



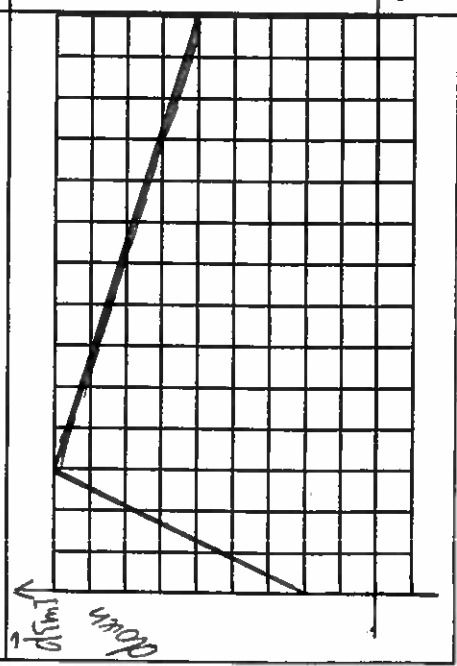
Initial displacement: _____
 Final displacement: _____
 Length of the time interval: _____
 Initial velocity: _____
 Final velocity: _____
 Total distance traveled: _____
 $\Delta \vec{d} =$ _____
 $t [s] \rightarrow$

Average velocity during the first 12 seconds:
 Uniform OR non-uniform? (circle the correct one)
 Instantaneous velocity at $t=10s$:
 Average velocity $\bar{v} =$ Instantaneous velocity



Initial displacement: _____
 Final displacement: _____
 Length of the time interval: _____
 Initial velocity: _____
 Final velocity: _____
 Total distance traveled: _____
 $\Delta \vec{d} =$ _____
 $t [s] \rightarrow$

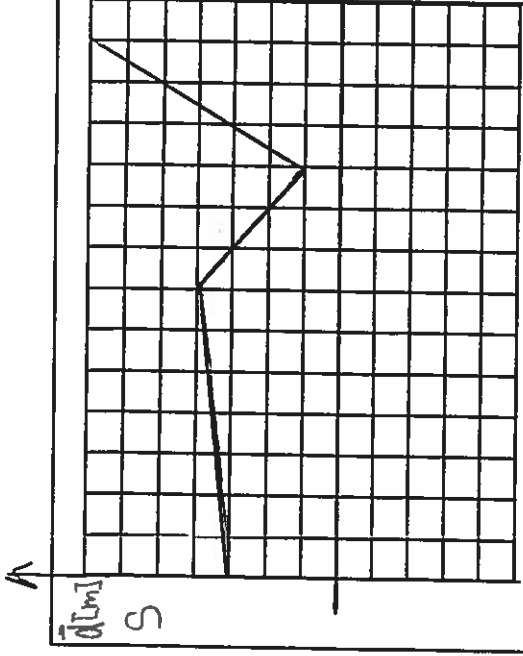
Average velocity during the first 10 seconds:
 Uniform OR non-uniform? (circle the correct one)
 Instantaneous velocity at $t=5s$:
 Average velocity $\bar{v} =$ instantaneous velocity



Initial displacement: _____
 Final displacement: _____
 Length of the time interval: _____
 Initial velocity: _____
 Final velocity: _____
 Total distance traveled: _____
 $\Delta \vec{d} =$ _____
 $t [s] \rightarrow$

Average velocity during the first 8 seconds:
 Uniform OR non-uniform? (circle the correct one)
 Instantaneous velocity at $t=2s$:
 Average velocity $\bar{v} =$ instantaneous velocity

$\Delta \vec{d} =$



Average velocity during the first 8 seconds:

Uniform OR non-uniform? (circle the correct one)

Instantaneous velocity at $t=2s$:

Average velocity $\underline{\underline{\quad}}$ instantaneous velocity

Initial displacement: _____

Final displacement: _____

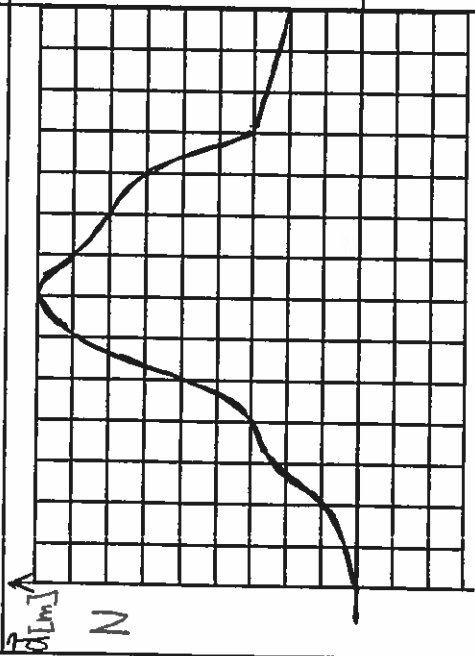
Length of the time interval: _____

Initial velocity: _____

Final velocity: $\rightarrow \{9\}$ _____

Total distance traveled: _____

$\Delta \vec{d} =$ _____



Average velocity during the first 8 seconds:

Uniform OR non-uniform? (circle the correct one)

Instantaneous velocity at $t=2s$:

Average velocity $\underline{\underline{\quad}}$ instantaneous velocity

Initial displacement: _____

Final displacement: _____

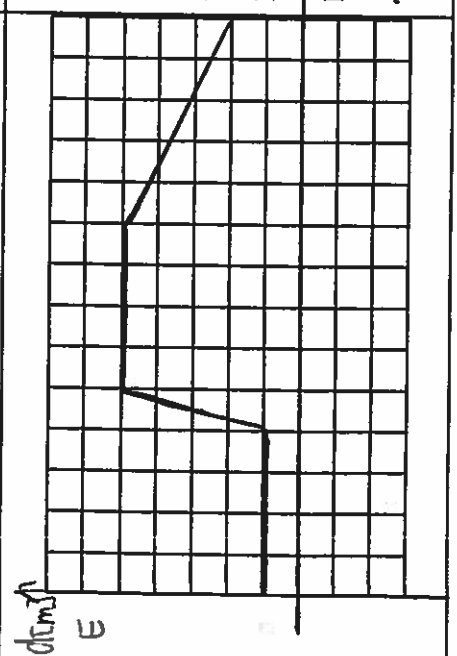
Length of the time interval: _____

Initial velocity: _____

Final velocity: $\rightarrow \{9\}$ _____

Total distance traveled: _____

$\Delta \vec{d} =$ _____



Average velocity during the first 8 seconds:

Uniform OR non-uniform? (circle the correct one)

Instantaneous velocity at $t=2s$:

Average velocity $\underline{\underline{\quad}}$ instantaneous velocity

Initial displacement: _____

Final displacement: _____

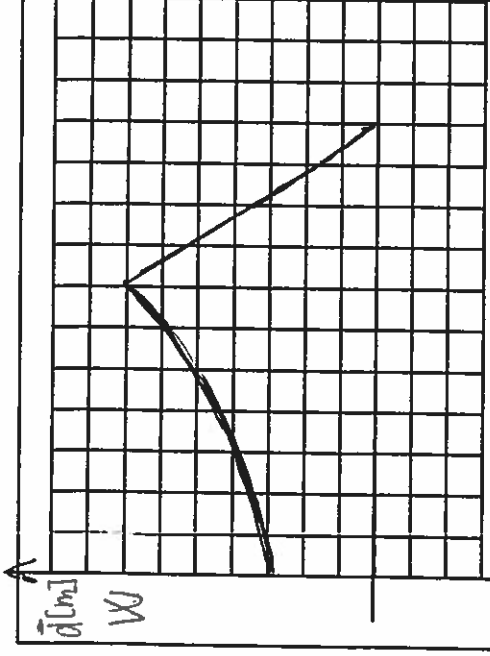
Length of the time interval: _____

Initial velocity: _____

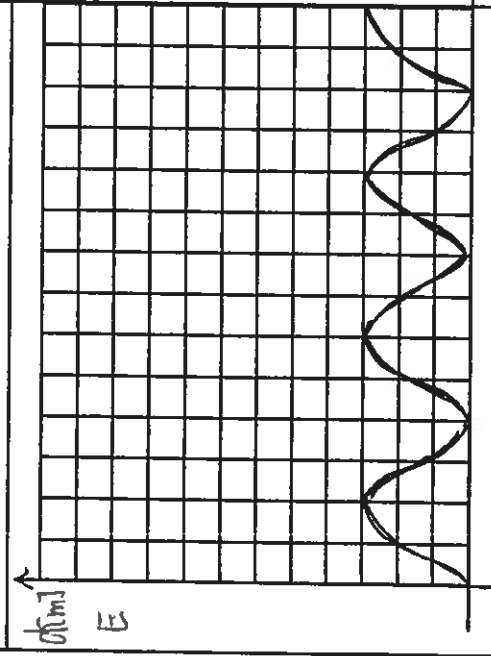
Final velocity: $\rightarrow \{9\}$ _____

Total distance traveled: _____

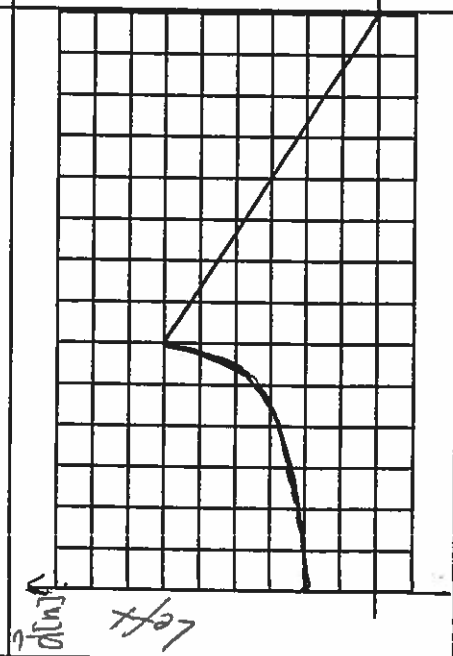
$\Delta \vec{d} =$ _____



Average velocity during the first 6 seconds:
 Uniform OR non-uniform? (circle the correct one)
 Instantaneous velocity at $t=4s$:
 Average velocity \bar{v} instantaneous velocity



Average velocity during the first 7 seconds:
 Uniform OR non-uniform? (circle the correct one)
 Instantaneous velocity at $t=2s$:
 Average velocity \bar{v} instantaneous velocity

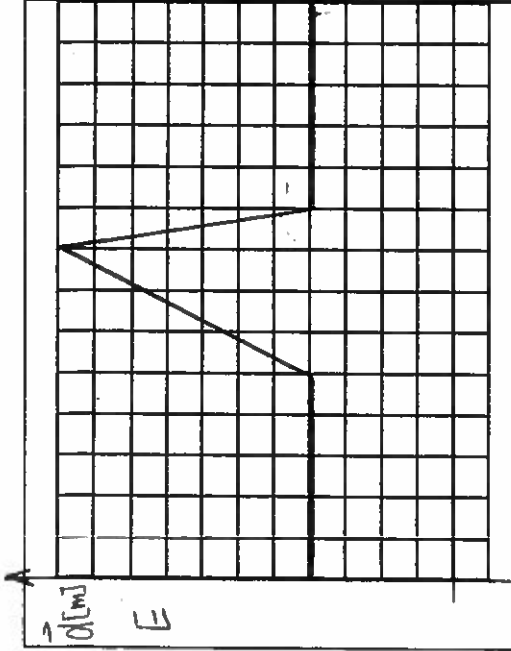


Average velocity during the first 6 seconds:
 Uniform OR non-uniform? (circle the correct one)
 Instantaneous velocity at $t=12s$:
 Average velocity \bar{v} instantaneous velocity

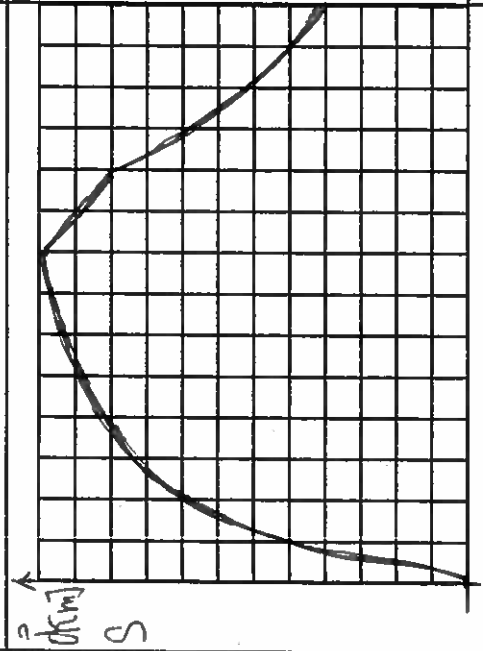
Initial displacement: _____
 Final displacement: _____
 Length of the time interval: _____
 Initial velocity: _____
 Final velocity: _____
 Total distance traveled: $\int_{t_1}^{t_2} |v| dt = \Delta d =$ _____

Initial displacement: _____
 Final displacement: _____
 Length of the time interval: _____
 Initial velocity: _____
 Final velocity: _____
 Total distance traveled: $\int_{t_1}^{t_2} |v| dt = \Delta d =$ _____

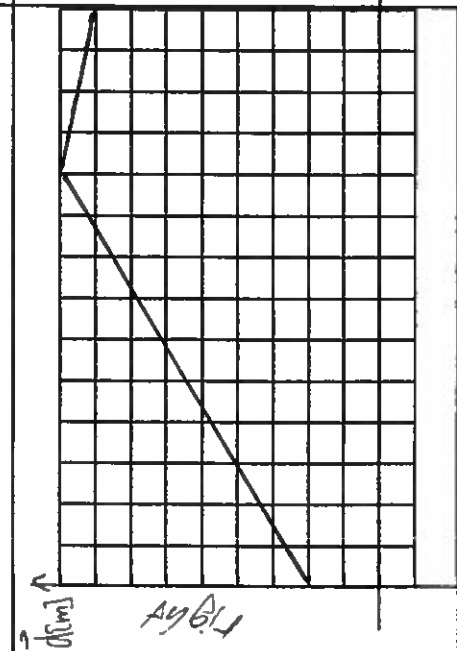
Initial displacement: _____
 Final displacement: _____
 Length of the time interval: _____
 Initial velocity: _____
 Final velocity: _____
 Total distance traveled: $\int_{t_1}^{t_2} |v| dt = \Delta d =$ _____



Average velocity during the first 8 seconds:
 Uniform OR non-uniform? (circle the correct one)
 Instantaneous velocity at $t=5s$:
 Average velocity $\underline{\quad}$ instantaneous velocity



Average velocity during the first 10 seconds:
 Uniform OR non-uniform? (circle the correct one)
 Instantaneous velocity at $t=2s$:
 Average velocity $\underline{\quad}$ instantaneous velocity



Average velocity during the first 8 seconds:
 Uniform OR non-uniform? (circle the correct one)
 Instantaneous velocity at $t=5s$:
 Average velocity $\underline{\quad}$ instantaneous velocity

Initial displacement: _____
 Final displacement: _____
 Length of the time interval: _____
 Initial velocity: _____
 Final velocity: _____
 Total distance traveled: $\xrightarrow{t\{s\}}$ $\Delta d =$ _____

Initial displacement: _____
 Final displacement: _____
 Length of the time interval: _____
 Initial velocity: _____
 Final velocity: _____
 Total distance traveled: $\xrightarrow{t\{s\}}$ $\Delta d =$ _____

Initial displacement: _____
 Final displacement: _____
 Length of the time interval: _____
 Initial velocity: _____
 Final velocity: $\xrightarrow{t\{s\}}$ _____
 Total distance traveled: _____

$\Delta d =$