1. What is the maximum velocity of the object? $20 \mathrm{mls}, \mathrm{s}$
2. When did the object reverse its direction? $\qquad$ $505,655.905$
3. What is the velocity of the object at 90 s ? 0 m is
4. What is the acceleration of the object at 65 s ? $\qquad$ $2.4 \mathrm{~m} / \mathrm{s}^{2}$, \# N
5. What is the acceleration of the object at 115 s ? $\qquad$ $0.57 \mathrm{mis}{ }^{2} .5$
6. How much time did the object spend traveling south? $\qquad$ 655
7. What is the maximum speed of the object? $\qquad$ 20 mls
8. What is the total distance traveled by the object? $\qquad$ 1100 m
9. What is the average velocity of the object during its trip? $\qquad$ $0.57 \mathrm{~m} / \mathrm{s}$ 10. What is the average speed of the object during its trip? $\qquad$ $7.9 \mathrm{~m} / \mathrm{s}$

$$
\begin{aligned}
& (60,-12),(70,12) \\
& \text { 4. } \vec{h}=\frac{-12-12}{60-70}=+2.4 \mathrm{~m} / \mathrm{s}^{2} \\
& \text { (1155) } 5 \cdot(90,0),(125,-20) \\
& \vec{a}=\frac{0+20}{90-125}=-0.57 \mathrm{~m} / \mathrm{s}^{2} \\
& \text { 8. } d=360 m+90 m+150 m+500 m=1100 m \\
& \text { 9. } \vec{r}_{\text {we }}=\frac{360-90+150-500}{190}=-0.57 \mathrm{~m} / \mathrm{s} \\
& 10 \quad V_{\text {we }}=\frac{360+90+150+500=7.9 \mathrm{~m} / \mathrm{s}}{1 \varphi_{0}}
\end{aligned}
$$

