Name:				Date: _		Block:	
			Speed, Velocity, & Accele	ration Calcı	ulations - Practice #2		
each prunits).	robl	em as well.	stions, use the correct formula,	numbers w	ith correct units and	answer with c	
Speed	! =	distance time	$Velocity = \frac{distance}{time}$ A	lccelerati	$ion = \frac{final\ velocity - final\ velocity}{times}$	initial velocity ie	
1.	Нс	w much tin	ne does it take a person to v	valk 12 km	north at a velocity of	6.5 km/h?	
		Solving fo	or	Equatio	n		
		Substitute	e (work)	Answer	w/ units		
2.	Αd	L car traveled	1425 km from El Paso, TX to	o Dallas, TX	in 12. 5 hours. What	was the car's	speed?
		Solving fo	r	Equatio	n		
		Substitute	e (work)	Answer	w/ units		
3.	If t	the velocity	of a car is 45 km/h west, ho	w far can it	travel in 0.5 hours?		
		Solving fo	r	Equatio	n		
		Substitute	e (work)	Answer	w/ units		
4.	If a	an airplane	travels a distance of 500 km	in 5 hours,	what is its average s	peed?	
		Solving fo	or	Equatio	n		
		Substitute	e (work)	Answer	w/ units		
5.	Αl	boat is trave	eling a distance of 90 km at a	a speed of 3	30 km/s, how long wil	ll it take to rea	ich its
	de	stination?	Solving for		Equation		
			Substitute (work)		Answer w/ units		
6.	An	arrow is m	oving at 35 m/s and travels	for 5 secon	ds. How far did the a	rrow travel?	
		Solving fo	r	Equation	1		
		Substitute	e (work)	Answer	w/ units		
7.	W	hat is the ve	elocity of a rocket that goes	700 km nor	th in 25 seconds?		
		Solving fo	or	Equatio	n		

Solving for	Equation
Substitute (work)	Answer w/ units

:	Date:	Block:
. How long does it take a ma	nn to travel 6 km if his speed is 3 km/h?	
Solving for	Equation	
Substitute (work)	Answer w/ units	
L	it averages a speed of 65 km/h for 7 hours?	?
Solving for	Equation	
Substitute (work)	Answer w/ units	
<ul><li>Λ anatriot missile is moving:</li></ul>	at 240 km/h east and travels to its maximu	m speed of 450 km
	at 240 km/h east and travels to its maximu	m speed of 450 km
in 3 minutes. What is the a	acceleration?	m speed of 450 km
in 3 minutes. What is the a	Equation	m speed of 450 km
in 3 minutes. What is the a	acceleration?	m speed of 450 km
in 3 minutes. What is the a Solving for Substitute (work)	Equation	
in 3 minutes. What is the a Solving for Substitute (work)	Equation  Answer w/ units	
in 3 minutes. What is the a Solving for Substitute (work)  1. A car goes from rest to 50 r	Equation  Answer w/ units  m/s in 5 seconds. What is the acceleration	
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in 3 minutes. What is the a Solving for Substitute (work)  1. A car goes from rest to 50 r Solving for Substitute (work)	Equation  Answer w/ units  m/s in 5 seconds. What is the acceleration  Equation	?
in 3 minutes. What is the a Solving for Substitute (work)  1. A car goes from rest to 50 r Solving for Substitute (work)	Equation  Answer w/ units  m/s in 5 seconds. What is the acceleration  Equation  Answer w/ units	?
in 3 minutes. What is the a Solving for Substitute (work)  1. A car goes from rest to 50 r Solving for Substitute (work)  2. A boat goes from 84 km/h to	Equation  Answer w/ units  m/s in 5 seconds. What is the acceleration  Equation  Answer w/ units  to 42 km/h in 7 seconds. What is the deceleration	?

Solving for Equation

Substitute (work) Answer w/ units