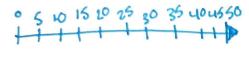
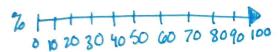
Unit 3 Test Study Guide

There are 15 hats on a rack and 9 of them are orange. What percentage of the hats are NOT orange?

40%

Jada's family has completed 30% of a trip. They have traveled 15 miles. How far is the trip?





50 miles

A sailboat captain is mapping a trip and wants to know the distance the sailboat will travel over certain time intervals. Assuming that the sailboat travels at a constant speed, what is its speed?

Time (hours)	Distance (miles)		
0.5	7.5		
1	?		
1.5	22.5		

15 mph

- Select all of the trips that would take two hours. Drive 60 miles per hour between Raleigh and
- Wilmington, which are 120 miles apart

b. Walk 3 miles per hour to school, which is ½ mile away

Take a train going 70 miles per hour from Hershey to Philadelphia, which are 140 miles apart

- Mai runs 3 laps around the track in 4 minutes.
- a. How many minutes per lap is that?

b. How many laps per minute is that?

c. If Mai runs 21 laps at the same rate, how long does it

- 6. Which weighs more:
 - (a.) Pumpkin that weighs 6.5 kilograms
 - b. Baby that weighs 10 pounds
- *Note: 1 pound is about 0.45 kilograms

Andre and Lin are 12 miles apart on a path when they start moving towards each other. Andre runs at a constant speed of 5 miles per hour, and Lin walks at a constant speed of 3 miles per hour. How long does it take them to meet?

A Lamborghini traveled 220 miles in 4 hours. How many miles does the Lamborghini drive per hour (speed)?

The table below shows how much money Addison earns shoveling snow for a different number of driveways.

Driveways Shoveled	Amount Earned (\$)
3	33

10. Kiran paid \$54.00 for 3 tickets to go to a corn maze. At the same rate, what is the cost of 2 tickets to the maze?

11 driveways? 22 ÷ 3	vs the number of bottled waters f the case.	n 12. The t items	$1 \div 3 = 818 \text{ partial}$ $2 \div 36$ The shows the constant in		\$36 certain number of 11.05 10.95 12.19 12.59	
13. Diego is making a pun- juice, but the store on many pints of orange j = 2 cups)	ch that requires 8 cups of orange ly sells orange juice in pints. How uice will he need to buy? (1 pint	14. Use the Control of	m has the highest the table to answe tupcake Topping hocolate chips Marshmallows M&Ms hocolate sprinkles with the percent of the hocolate sprinkles 20 %	Total 30 15 10 s 20 25 se cupcake tops?	30 115 + 10+20+25=1	
5. A school has 100 students. On Friday, 70 students went on a field trip. What percent of the students did NOT go on the field trip? 100 - 70 = 30			16. Madelyn has completed 10/20 problems. Will has completed 80% of the problems. Adam has finished ¾ of them. Who has finished the most? 10÷20=0.5 ₹ 50% 3/4 = 75%			
7. In a bag Starbursts, 30% 90 pink Starbursts in the in the bag? 40, \$\psi\$,	++++>	is Ms.	Goswami? (1 foo	ot = 12 inches		