

Name: _____

Block: _____ 7th Gr Math

Homework WEEK 14

Solve the following problems **without a calculator**. You ***MUST*** show your work.

NO WORK = NO CREDIT.

Homework – Monday

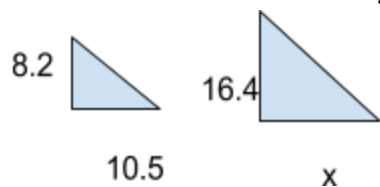
<p>1. A music store is having a clearance sale. All items are discounted by 10%. What is the sale price of a radio that regularly costs \$38?</p>	<p>2. The cost of a taxi ride is \$3.00, plus \$0.60 for each mile traveled. Ms. Johnson was charged \$15.60 for a taxi ride. How many miles was Ms. Johnson's taxi ride?</p>
<p>3. Lauren deposited \$200 into an account. The account pays simple interest at a rate of 6%. How much money will be in Lauren's account at the end of 7 years?</p>	<p>4. The math club at a middle school increased from 62 to 78 in one school year. What is the approximate percent of increase? (Round to the nearest tenth.)</p>

Homework- Tuesday

<p>1. Truth has \$3 more than twice as much money as Schyler. If Truth has \$10, how much does Schyler have?</p>	<p>2. Samuel is 5ft 3in. He is standing next to a tree that is 26ft. If Samuel's shadow is 8.5ft, what is the length of the tree's shadow. (round to the nearest foot)</p>
<p>3. Jamison ordered 4 CDs for \$48.96, which includes a \$5.00 shipping charge. If each CD was the same price, what was the cost of each CD?</p>	<p>4. If a small airplane travels 28 miles in 12 minutes, how far will the plane travel in one hour?</p>

Homework - Wednesday

1. Find the value of x if both triangles are similar.



2. If the price of a CD that normally costs \$17.50 was marked up by 8%, what is the new cost?

3. Simplify.

$$8 - 4(2 + 5^2) \div 12$$

4. On a map 3in represents 5.5 miles. How many miles away is city A from city B if on the map they are 12 in apart?

Homework - Thursday

1. Tracy's weekly pay increased from \$80 to \$100. What is the percent increase in Tracy's weekly pay?

2. Hilda earns \$15 in gratuity for every \$100 in food served. If Hilda serves \$500 in food, what is her gratuity?

3. Ms. Jenkins works at the Coach Store selling handbags. She gets a 5% commission on her weekly sales. She sold \$6500 last week. How much commission did Ms. Jenkins earn?

4. Simplify.

$$(6 \times 9) + 3 \times 12 - 4 \div 2$$