

MONDAY HOMEWORK

1. Which is a better deal? A \$25 coupon or a 25% off coupon? (Do you have enough information to answer the question? Why or why not?)
2. A sweater is originally priced at \$50 and is on sale for 30% off with a 7.5% sales tax. What is the **final price** of the sweater?
3. What is 25% of a \$40 item?
- 4, What is the discount price of a \$39.97 necklace that is 55% off?
5. $\frac{2}{3} (6 - \frac{1}{2})$

TUESDAY HOMEWORK

1. A skateboard is originally priced at \$125. It is on sale today for 45% off. How much would you save if you purchased the skateboard on sale?
2. A sand castle casts an 18ft shadow at the same time a 5ft man casts a 20ft shadow. How tall is the sand castle? (Draw a picture)
3. Juan's barn is 50 feet wide by 80 feet long. Make a scale drawing of the barn that has a scale of $\frac{1}{2}$ inch = 10 feet.
4. You want to purchase a sweater for \$49.99. You can either use a 20% off coupon or a \$15 off coupon (but you can't use both). Which should you use to save the most money? How much money would you save?
5. The final cost of a hat after a 7.5% tax is added is \$30.10. What was the cost of the hat before the tax was added?

WEDNESDAY HOMEWORK

1. A final cost of a ring after 8% tax is added is \$107.46. What is the total cost of the ring before the tax was added?
2. 39 is 40% of what number?
3. 13 is what percent of 52
4. The sales tax on a \$99 purchase is 7.5%. What would be the total cost of the item after tax?
5. Jessica made a scale drawing of her classroom. She used the scale $\frac{1}{2}$ inch = 4 feet. The actual classroom measures 32 feet by 28 feet. What are the dimensions of the scale drawing?

THURSDAY HOMEWORK

1. A pair of pants costs \$24.99 and is on sale for 25% off. The sales tax is 6%. What would the final cost be if two pairs of pants were purchased?
2. $-\frac{1}{3}(6x + 18) + 3x + 5$
3. Tax on a \$99 item is \$7.43. What is the tax rate?
4. A map of the county uses a scale of 2 inches: 19 miles. If the county is 76 miles wide, how wide is the map?
5. Three out of every 7 houses in the neighborhood are painted white. There are 224 houses in the neighborhood. How many of the houses are white?