MONDAY WEEK 9 _____ MATH PRACTICE

Name

6th

1. Solve the equation.

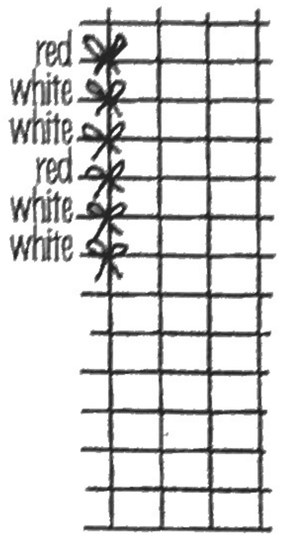
2x = 88

2. Choose a common multiple of 8 and 7.

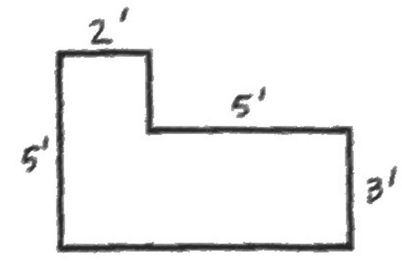
○ 48 ○ 15 ○ 560

3. Robert made three trips up the ladder to the tree house. Tristan made six trips up the ladder. Mark and Kyle each made five trips. Chris made only two trips. What was the average number of trips made?

4. Joy is securing the netting to the side of the tree house. If the railing is six feet long, and she is putting a tie every four inches, how many white ties will she need to finish her pattern?



5. The platform of the tree house is an L-shape. What is the platform's perimeter? Area?



TUESDAY WEEK 9 MATH PRACTICE

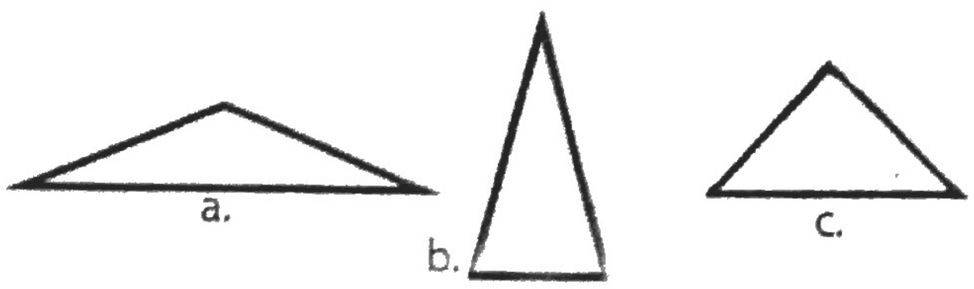
1. Express the decimal as a percent.

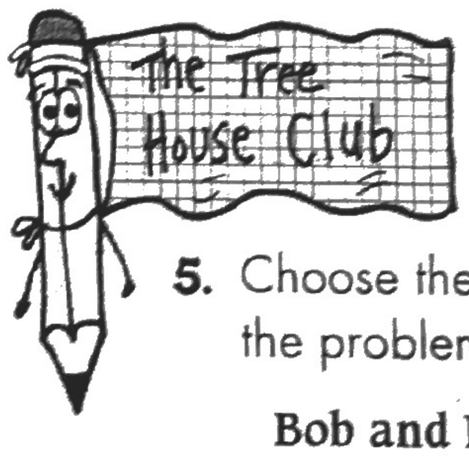
.04

2. Rhia pays $68.40 for the plans for a tree house. Her friend Fran paid only 85 percent of that amount. How much did Fran pay?

3. The roof protects the tree house. The guidebook recommends an 18" overhang. If the tree house platform is a 5' x 6' rectangle, what size rectangle will be formed by the bottom edge of the roof?

4. The guidebook also recommends a pitch of 45 degrees. Which diagram shows a roof that would fit this specification?





5. Choose the best way to solve the problem.

Bob and Brett are making three flags for their tree house. They need 48 feet of wood doweling for the supports. The hobby store sells the special wooden dowels at $2.00 per four-foot dowel. How much will the boys have to spend on wood?

a. Multiply 48 by $2.00.

b. Divide 48 by 4 and multiply by $2.00.

c. Multiply $2.00 by 4 and divide that number into 48.

WEDNESDAY WEEK 9

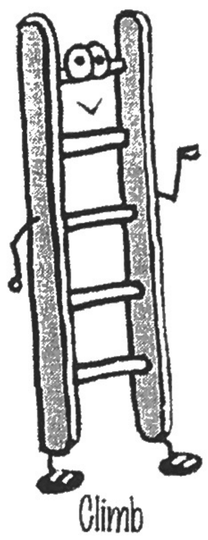
MATH PRACTICE

1. Write the unit rate as a ratio. Then find an equal ratio.

a. The cost is $6.75 for one item. Find the cost of eight items.

b. There are three feet in one yard. Find the number of feet in 15 yards.

c. There are 9 rungs on the ladder. Find the number of steps on seven ladders.



Climb the ladder of success.

2. **4.5 x 9.3 =**

3. Choose the missing operation.

96 ÷ 24 ___ 4 = 16

○ **+** ○ **x** ○ **-**

4. Write the next three terms in the number pattern.

4 12 36 108 ____ ____ ____

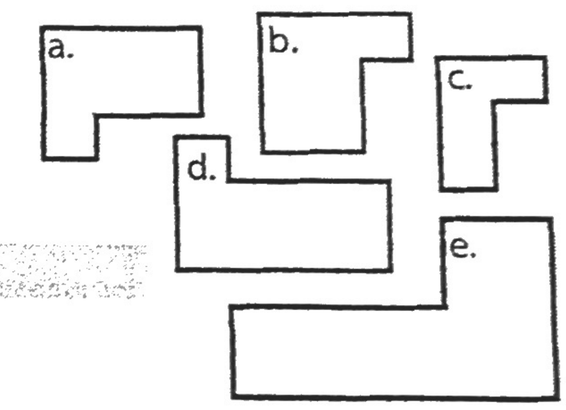
5. Write the correct relationship for each pair: congruent, similar, or neither congruent or similar.

a. Figure a and Figure b

b. Figure c and Figure d

c. Figure c and Figure e

d. Figure a and Figure d



THURSDAY WEEK 9

MATH PRACTICE

1. $\frac{3}{4} - \frac{1}{6} =$

2. Solve the equation. **x – 5.7 = 5.7**

3. Which of the following operations would you use to isolate the variable in **x + 6 = 27**?

a. Add 6 to both sides.

b. Subtract 6 from both sides.

c. Add 27 to both sides.

d. Subtract 27 from both sides.

. . . and then he makes like a tree, and leaves.

4. Write and solve an equation to find the number of plans the tree house gang sold.

The tree house gang is selling plans to earn money for a new rope ladder. They get $.35 profit for each plan they sell. The club's total profit is $14.70.

5. Trina created a snack spinner for her tree house. She spins to see what snack to eat.

a. If she spins once, which snack is most likely?

b. Which snack is least likely?

c. How many possible outcomes are there?