MONDAY WEEK 10 _____ MATH PRACTICE

Name

6th

1. Round to estimate the answer.

24,576 ÷ 48 =

2. Recycling one can saves enough electricity to light a 100-watt bulb for 3.5 hours. How many cans would have to be recycled to light the bulb for a full day?

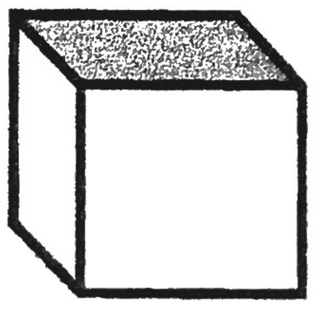
3. Write an algebraic expression for each word phrase.

a. 10 more than k

b. 30 times n

c. 20 divided by r

4. Name the figure. →



5. Use the table to answer the questions.

Individual State Waste Management Performance

Rank	Best Management (tons/person/year)		Worst Management (tons/person/year)	
1.	South Dakota	0.400	Nevada	2.132
2.	Wisconsin	0.580	Kansas	1.879
3.	North Dakota	0.628	South Carolina	1.588
4.	Colorado	0.649	Delaware	1.491
5.	Oklahoma	0.663	Utah	1.484
6.	Minnesota	0.679	New Hampshire	1.471
7.	Idaho	0.732	Indiana	1.432
8.	Missouri	0.761	Hawaii	1.342
9.	Louisiana	0.769	Georgia	1.333
10.	Maine	0.784	Missouri	1.316

a. What does the number under *best* and *worst* represent?

b. What is the difference between the state with the best waste management and the worst waste management?

c. What is the difference between Maine and South Dakota's waste management?

TUESDAY WEEK 10

MATH PRACTICE

1. California generates about 45,000,000 tons of waste per year. How many pounds of waste is that? (hint: 1 ton = 2000 pounds)

2. Tell whether each equation is true or false.

a. 0.7 + 0.8 = 15

b. 1.8 = 5.4 ÷ 3

c. 6.5 x 3.4 = 2.21

3. Evaluate the expression for **x = 7**.

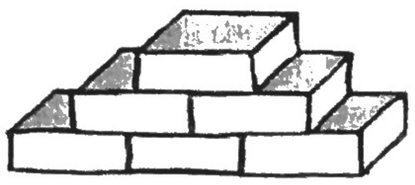
(x + 3) – 4

4. Tennessee recycles 40 percent of its waste. Tennessee generates 9,496,000 tons of waste per year. How much does the state recycle?

WEDNESDAY WEEK 10

1. Solve the problem by drawing a diagram.

Todd is stacking recycled shoeboxes. He stacks them in a pyramid shape. If the pattern continues, how many shoeboxes will be in a stack eight boxes high?



2. Write the mathematical expression in words.

y − 8

THURSDAY WEEK 10

1. How many minutes are in 3 hours and 25 minutes?

2. Write the next three numbers in the pattern. Explain your reasoning.

$1\frac{1}{2}$, $2\frac{1}{4}$, 3, $3\frac{3}{4}$, $4\frac{1}{2}$,

_____, _____, _____

3. Which number is closest to five?

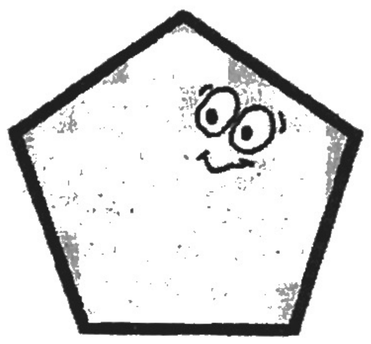
a. $4\frac{3}{4}$ c. $4\frac{7}{8}$

b. $4\frac{2}{6}$ d. $4\frac{1}{3}$

4. The average household throws away 45 kg of plastic a year. Five percent of the plastic thrown away is recycled. How much plastic is recycled in an average household?

MATH PRACTICE

3. Name the shape.



4. Measure the length of one side in centimeters. Then use the measurement and the formula to find the perimeter.

MATH PRACTICE

5. Complete the function table for the given rule.

INPUT	OUTPUT
-4	
0	
2	

RULE: OUTPUT = INPUT + 8