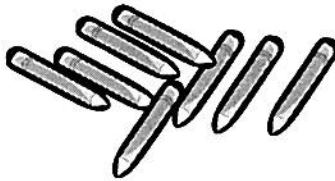


Smiley Face Math
Grade 5, Worksheet VIII

Name: _____

- ☺ ☺ ☺ 1. Maxine bought 8 new pencils during a -tax free || week before school started. She paid with a \$5 bill and got \$3.16 back as change. Explain why the equation $8p + \$3.16 = \5.00 represents this situation.

Explanation:



- ☺ ☺ ☺ ☺ 2. Solve the equation above to find the cost of one pencil p . Explain how you solved the equation.

- ☺ 3. Karen is 148.2 centimeters tall. Last year she was 140.2 centimeters tall. Mentally, figure out how much has she grown since last year. _____



- ☺ ☺ ☺ 4. Mark's temperature was 100.1°F at bedtime. At midnight, his temperature had gone up 1.1°F . This morning his temperature was 98.9°F . By how much did his temperature go down from midnight to this morning? _____

Explain your answer.



- ☺ ☺ 5. Sharon and 4 friends decided to fill a bucket with water. Each of the people brought a cup of water. Each cup held enough water to fill $\frac{1}{4}$ of the bucket. How full was the bucket after they all poured their cups in? _____

Explain your answer.



- ☺ ☺ 6. Rebecca is looking for a two-bedroom apartment. In one apartment, the master bedroom is $14\frac{3}{4}$ feet wide and the other bedroom is $12\frac{2}{3}$ feet wide. Round the fractions to the nearest whole foot to find *about* how much wider the first bedroom is.

Answer: It's about _____ feet wider.



- ☺ ☺ 7. Tonight's homework has 6 problems. Jake has $\frac{2}{3}$ of his homework done, and Beth has $\frac{5}{6}$ of hers done. Who has more homework completed? _____ How much more, as a fraction, has that person done? _____ Draw a picture to show how much more that person has done.



- ☺ ☺ ☺ 8. If you begin with a certain one-digit number and follow the arrows, you will end with the starting number. Write the number in the box.

