1. Compute:    22,489
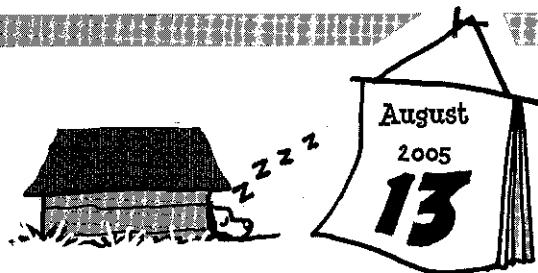              87,654
           +   4,567

2. At Ashton School, all the lost gloves and mittens are gathered in a barrel. Today, there are 14 gloves and 20 mittens. Sue reaches in and grabs a mitten. She reaches in again. What is the probability that she will grab a mitten the second time?

3. Simplify the expression.

   $\frac{16n}{4} - 2n + 12$

4. Which has more faces: a hexagonal prism or a pentagonal pyramid?

5. On February 20, 2001, Harvey Johnston's golden retriever, Max, disappeared. Harvey searched for months, and finally had to give up hope of finding Max. On August 13, 2005, Max showed up in the backyard, looking healthy and happy. Harvey has no idea where Max spent all that time, but he is delighted that the dog is no longer lost. How many days was Max lost?

August
2005
13

# TUESDAY WEEK 34 _____ MATH PRACTICE
*Name*

1. Compute:    **90.7 x 9.07 =**

2. In February of 2006, a sick whale lost its way and swam up the Thames River into central London. Experts calculated that the whale was about 40 miles away from its home in the North Sea. How many kilometers is this?

3. Solve the equation.

   **10b + 6 − b = −3**

4. An eighth-grade class has 184 students and 23 lost backpacks. Write a ratio that compares the number of students to the number of lost backpacks.

5. Find the volume of this container for lost socks.

40 cm
Lost
Sock
Hopper
35 cm
30 cm
←10 cm

1. What is the mean of these temperatures?

   **19°  –4°  –22°  12°  50°  10°  –9°**

2. Choose the name of a day at random. What are the odds in favor of getting a day that contains the letter **s**?

3. True or false: a combination is a selection of a set of things from a larger set without regard to order?

4. A shipping company lost two cylinders. One had a radius of 30 cm and a height of 78 cm. The other had a height of 3.12 m and a radius of 1.2 m. Are these similar figures?

   *We made a break for freedom*

5. Will the equation solve the problem?

   **A delivery company lost a package of false teeth that was on its way to a dental office. Each set of teeth had 28 teeth. The package contained 14 sets. Interestingly enough, the package had been dropped and had broken apart. Someone found a total of 116 teeth scattered about the sidewalk. What percentage of the original teeth were found?**

   *Sink your teeth into this problem.*

   $$\frac{116}{14} = \frac{28}{x}$$

1. Compute: $2\frac{5}{7} \times 10\frac{2}{3} =$

2. The measure of one angle in a trapezoid is 43°. The measure of of another angle is 88°. A third angle measures 100°. What is the measure of the fourth angle?

   *We got lost at Disneyland.*

3. In the statement **10 – x ≥ –6**, which of these could be **x**?

   | | | |
   |---|---|---|
   | **15** | **–6** | **0** |
   | **18** | **20** | **–3** |

   *And we hope nobody finds us.*

4. Is this a correct statement?

   $$\frac{7}{8} \approx \frac{49}{64}$$

5. Each year, the Lost and Found at Disneyland in California collects about a surprising number of objects. To find this number, follow the clues:

   - an even, six-digit number
   - no digits > 4
   - five even digits
   - last four digits the same
   - highest place has odd digit
   - digit in hundred thousands place < digit to its right
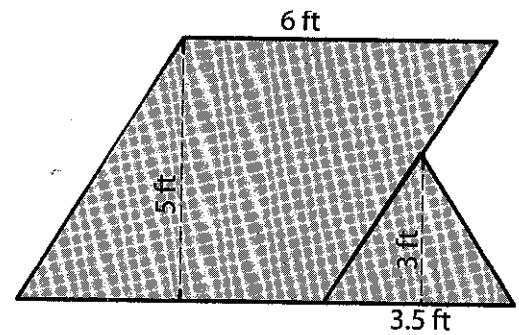   - sum of digits = 5

*Name*

**1.** Finish the equation to demonstrate the **associative property**.     (8 + 4k) + 66 =

**2.** At Marine World, Sasha lost her new digital camera when it fell 46 meters to the bottom of the porpoise tank. How many inches was this drop?

**3.** Write an equation to match the words.

**The difference between ninety-eight and a number (b) equals thirteen times the number (b).**
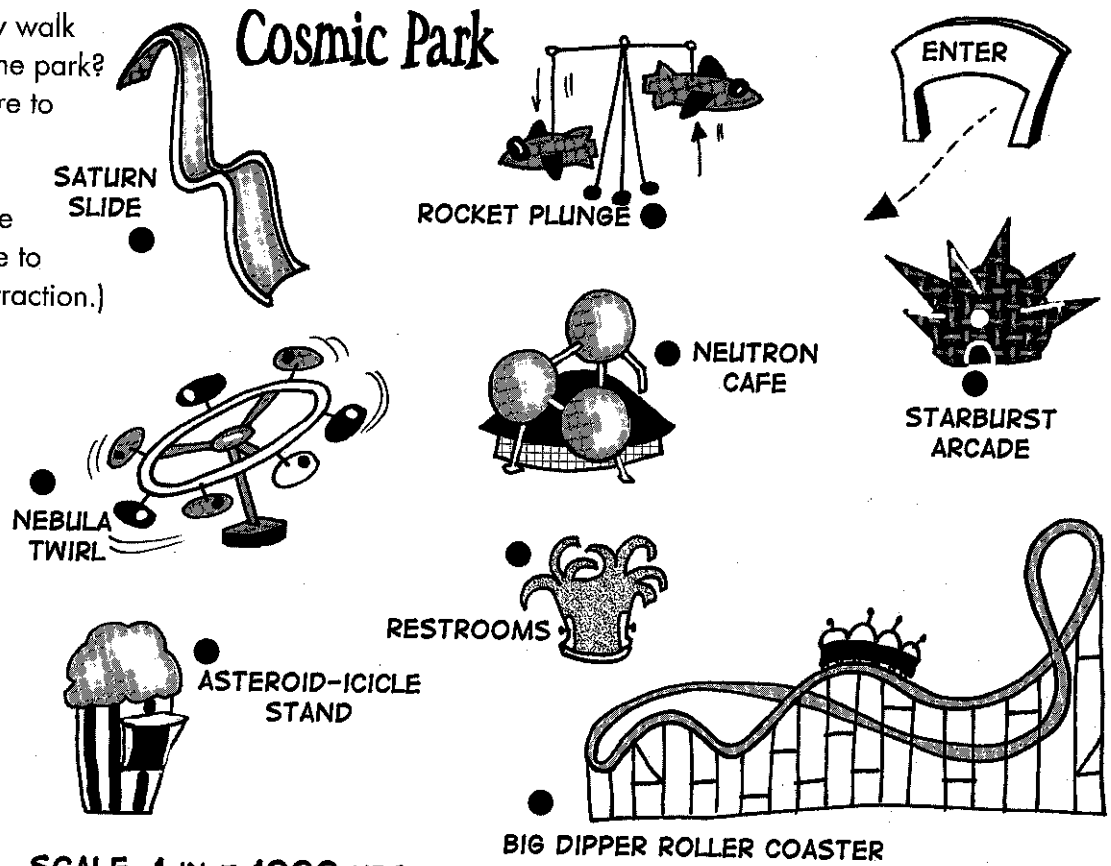
**4.** What is the area of the figure?

6 ft

5 ft

3 ft

3.5 ft

## 5. Challenge Problem

Here's what Stephanie and Sam did yesterday at Cosmic Park (in the order described). They arrived at the entrance at noon. They rode the Nebula Twirl, then visited the Starburst Arcade. Next, they rode the Big Dipper and the Rocket Plunge. They took a restroom break and ate an asteroid icicle. They rode the Saturn Slide and ate lunch at the Neutron Café. After another ride on the Big Dipper, they left through the same entrance at which they had arrived. How far did they walk inside the park? (Measure to the dots which show the entrance to each attraction.)

**Cosmic Park**

ENTER

SATURN SLIDE

ROCKET PLUNGE

NEUTRON CAFE

STARBURST ARCADE

NEBULA TWIRL

RESTROOMS

ASTEROID-ICICLE STAND

BIG DIPPER ROLLER COASTER

SCALE: 1 IN = 1000 YDS