

SUPERSTARS III
Neptune, XIV

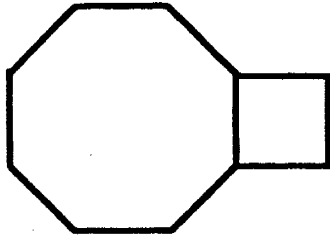
Name: _____
(This shows my own thinking.)

- ★★ 1. On the average, human beings breathe 980 times each hour. Assume you are average.
- a. About how many breaths per week do you take? _____
 - b. About how long would it take you to breathe a million times? _____

- ★ 2. John has 20 dimes and 30 pennies. Ken has the same amount of money in nickels and quarters. If Ken has 8 quarters, how many nickels does he have?

Answer: _____ nickels

- ★★ 3. If the perimeter of a regular octagon is 48 cm, what is the area of the adjacent square?



Answer: _____ sq. cm.

- ★ 4. Mark and John drive to work together. They split the cost of parking in a parking garage. How much would each pay to park the car for 7 hours?

PARKING RATES	
FIRST HOUR	\$4.00
EACH ADDITIONAL HOUR	\$1.75

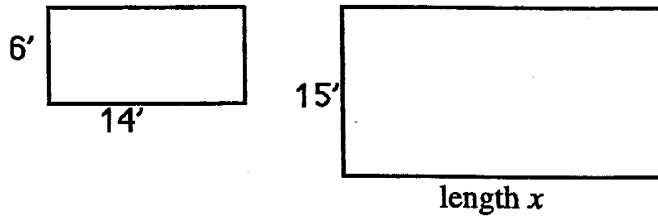
Answer: \$ _____

- ★★ 5. Mike has a jar filled with 100 jelly beans. Some are green and some are red. When he shook the jar and removed a handful of jelly beans, he got 10 green and 15 red. Using this information, estimate the number of green and red jelly beans in the jar.

Answer: _____ green

_____ red

- ★★★ 6. Two rectangles below are similar. Find the length x of rectangle B.

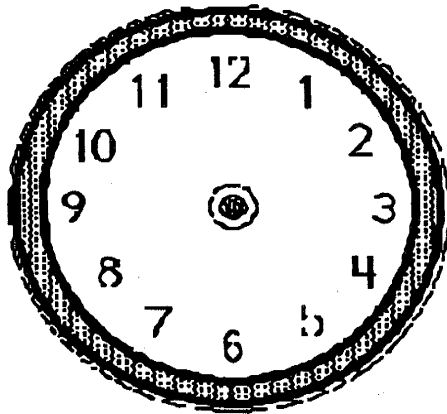


Answer: _____ feet

- ★ 7. Sally traveled on an airplane to visit her cousin Sue. She overheard the flight attendant saying that there were 254 people on board, but the plane wasn't full. She noticed that each row seated 6 people. What is the minimum number of rows needed for the 254 passengers?

Answer: _____ rows

- ★★★★ 8. From 3 P.M. today until 3 P.M. tomorrow, how many times will the hands on the clock coincide?



Answer: _____