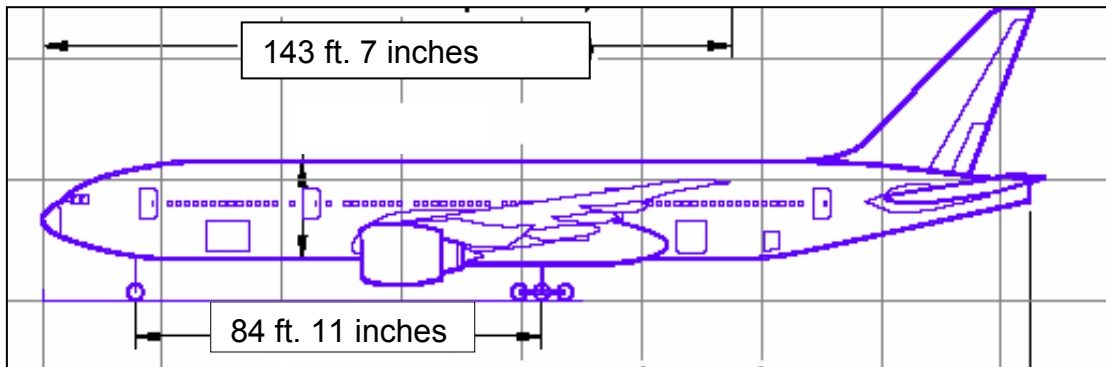


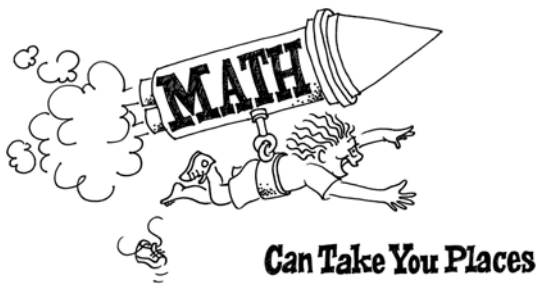
## Measurement PRACTICE QUESTIONS Set #1/Grade 4

1. The weight of a suitcase is most likely to be which of the following?
  - A. 50 ounces
  - B. 10 pounds
  - C. 5 gallons
  - D. 50 pints
2. Boeing 777 jet liner is a very large airplane. Look at the diagram below; the overall length is missing from the diagram.



Based on this diagram, what is the approximate length of the Boeing 777?

- A. 150 feet
- B. 186 feet
- C. 209 feet
- D. 286 feet

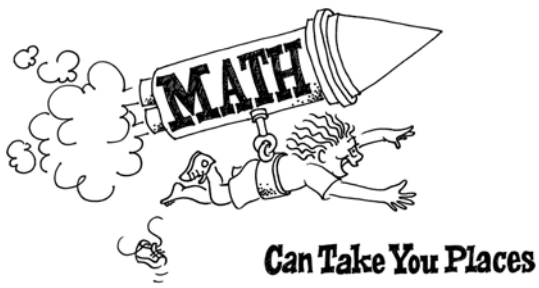


## Measurement PRACTICE QUESTIONS Set #1/Grade 4

3. Davis and Tai are filling each classmate's water bottle before they leave for the class camping trip. What is a reasonable estimate of the volume of the bottle?

- A. 1.5 liter
- B. 15 milliliters
- C. 1.5 ounces
- D. 15 quarts

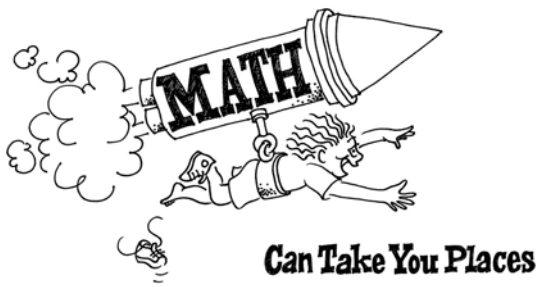




**Measurement**  
**PRACTICE QUESTIONS**  
Set #1/Grade 4

Answers:

1. B
2. C
3. A



## Measurement PRACTICE QUESTIONS Set #2/Grade 4

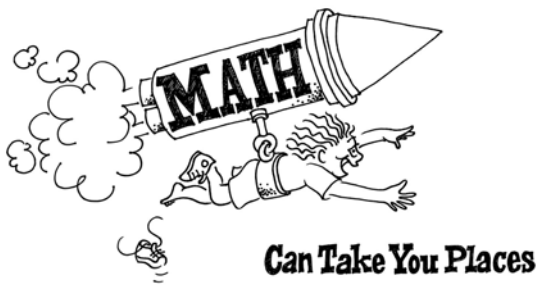
1. Brandon and Jorge left Jorge's home at 10:45 A.M. to ride their bikes to the public pool 10 blocks away. It took them 15 minutes to get to the pool. The boys promised their mothers that they would be back at Jorge's home by 1:00 P.M. for lunch. What is the latest time that they could leave the pool and be home in time for lunch?
  - A. 12:30 P.M.
  - B. 1:00 A.M.
  - C. 12:45 A.M.
  - D. 12:45 P.M.
2. Jasmine got a new star rubber stamp. She wanted to personalize all of her papers to make stationery. Use a ruler to measure the star below. How many stars could she put point to point across the top of her paper if the paper measures 6 inches across the top.



3. The perimeter of the regular pentagon is how many centimeters less than the rhombus?



- A. 10 centimeters
- B. 5 centimeters
- C. 25 centimeters
- D. 40 centimeters



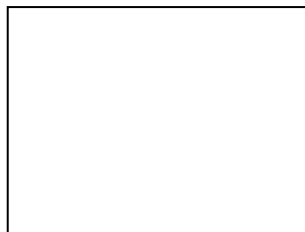
# Measurement PRACTICE QUESTIONS Set #2/Grade 4

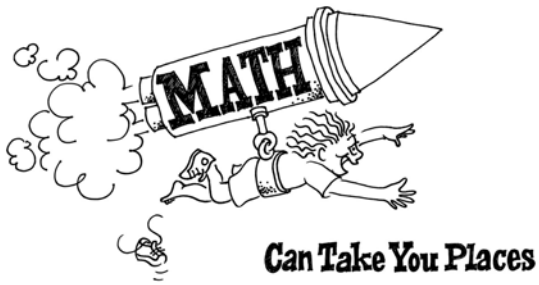
4. Jalen and Sarah were having a disagreement about the following math problem:



Sarah said that the area of a square with sides measuring 6 inches long is greater than the area of a rectangle that measures 5 inches by 7 inches. Jalen disagrees with Sarah. Who is correct?

- A. Jalen is right because both areas are 24 square inches.
  - B. Sarah is correct because the square has an area of 36 square inches and the rectangle has an area of 35 square inches.
  - C. Jalen is correct, because the area of the square is 24 square inches and the area of the rectangle is 35 square inches.
  - D. Sarah is correct because the area of the square is 24 square inches and the area of the rectangle is 12 square inches.
5. Measure the lengths of the sides of the rectangle to the nearest centimeter and find its perimeter and area.

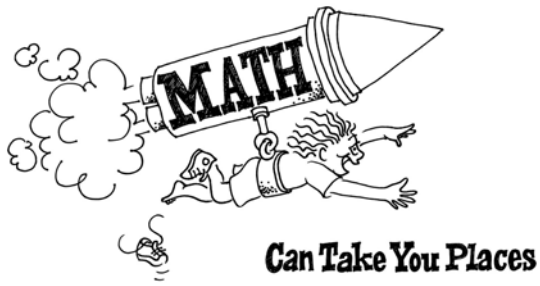




## Measurement PRACTICE QUESTIONS Set #2/Grade 4

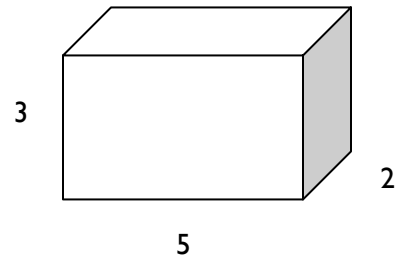
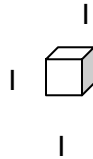
Answers:

1. D
2. *The star should measure  $1\frac{1}{2}$  inches across; so 4 stars will fit across the paper. Leave this answer as an open response.*
3. A
4. B
5. *Open-ended, because measures may vary after copies are made. But most students should have similar answers.*

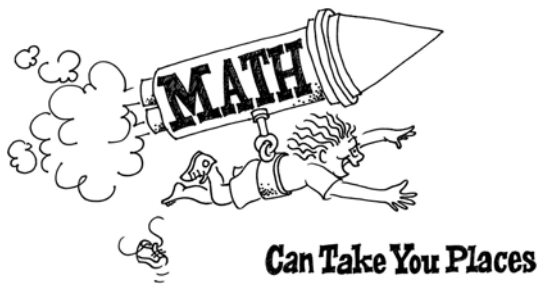


# Measurement PRACTICE QUESTIONS Set #3/Grade 5

1. Examine the cube and rectangular prism below. The volume of the cube is one cubic unit, with the length, width and height all equal to one unit. The rectangular prism has a height of 3 cubic units, a length of 5 cubic units and a width of 2 cubic units. About how many cubes would it take to fill the entire volume of the rectangular prism?



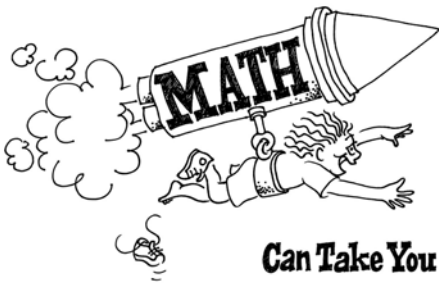
- A. 40 cubes
- B. 30 cubes
- C. 20 cubes
- D. 10 cubes



**Measurement**  
**PRACTICE QUESTIONS**  
Set #3/Grade 5

Answer:  
1. B





# Measurement PRACTICE QUESTIONS Set #4/Grade 5

A.

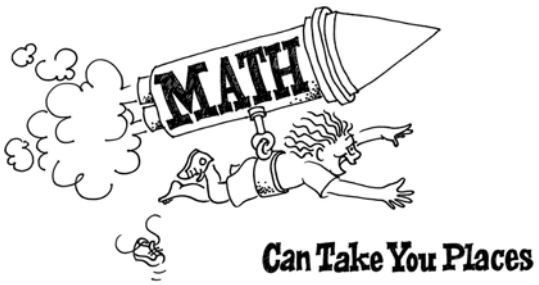


B.



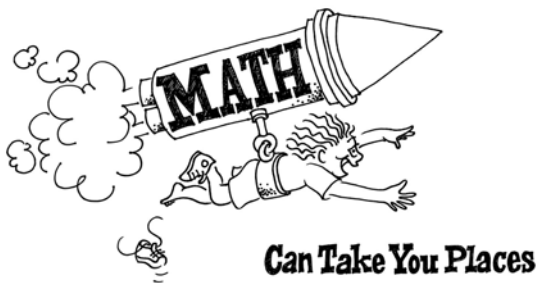
Parul is looking for a picture to fit onto the front page of the school newsletter she is writing. She needs a picture that has an area of about 40 centimeters to place above her article. Use a ruler to help estimate the length and the width of each picture, and then calculate the area of each one. Which picture has an area that is closest to 40 centimeters?

Write your answer. \_\_\_\_\_



**Measurement**  
**PRACTICE QUESTIONS**  
Set #4/Grade 5

Answer:  
1. B



# Measurement PRACTICE QUESTIONS Set #5/Grade 5



1. This frog weighs 6,000 milligrams. How much does the frog weigh in grams?

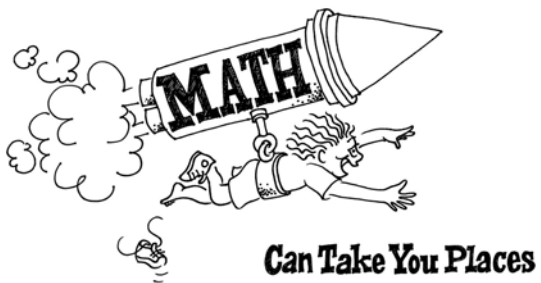
- A. 600 g
- B. 60 g
- C. 6 g
- D. .60 g

2. Maria's little sister is 4 years old. How many days old is she?

- A. 1,271 days
- B. 1,440 days
- C. 2,345 days
- D. 2,496 days

3. Which measurement is **not** equivalent to 60 inches?

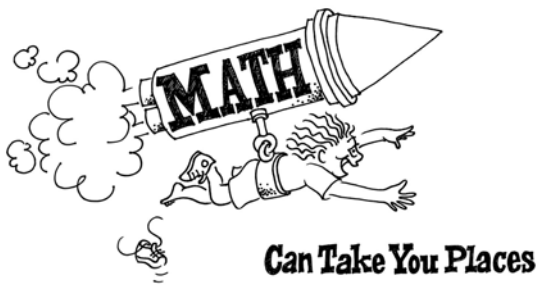
- A.  $1 \frac{2}{3}$  yards
- B. 5 feet
- C. 1 yard, 24 inches
- D. 6 feet



# Measurement PRACTICE QUESTIONS Set #5/Grade 5

Answers:

1. C
2. B
3. D

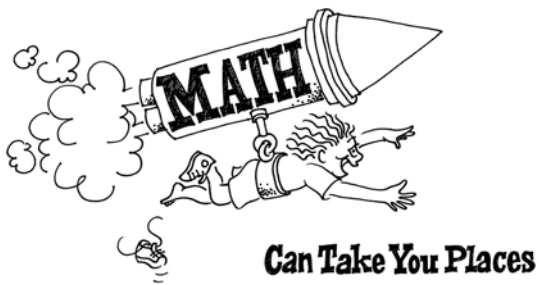


## Measurement PRACTICE QUESTIONS Set #6/Grade 6

I. Which equation best describes the data in the table below?

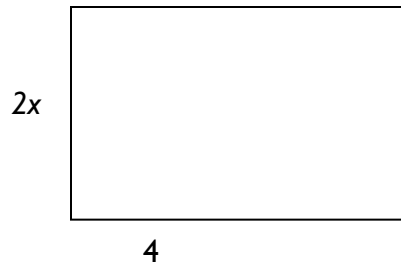
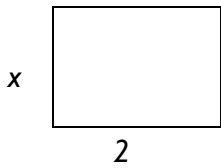
Side Length ( $p$ )	Area ( $\text{in}^2$ )
5	25
6	36
7	49
8	64
$p$	

- A.  $A = 2p$
- B.  $A = 4p$
- C.  $A = p^2$
- D.  $A = 2(l + w)$

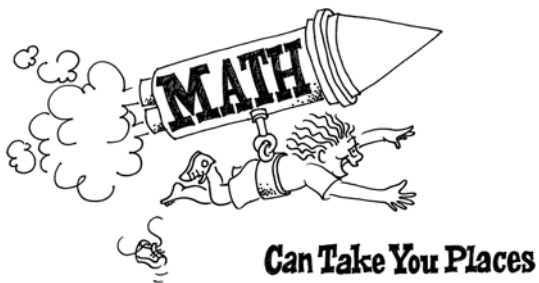


# Measurement PRACTICE QUESTIONS Set #6/Grade 6

2. Find the difference in area between the two rectangles below.

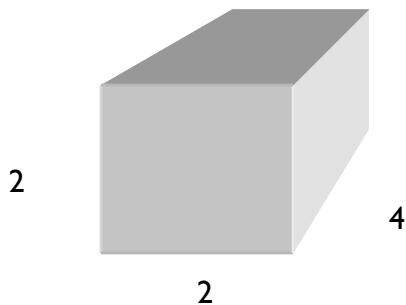


- A.  $2x + 4$
- B.  $6x$
- C.  $x + 2$
- D.  $2x$

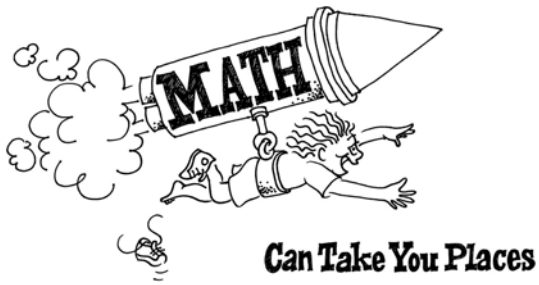


## Measurement PRACTICE QUESTIONS Set #6/Grade 6

3. Which statement would **not** be true about the rectangular prism below?



- A. The area of the front face is half of the area of the right face.
- B. The perimeter of the bottom is the same as the perimeter of the right face.
- C. The area of the top face is twice the area of the front face.
- D. The perimeter of the front face is twice as long as the perimeter of the right face.

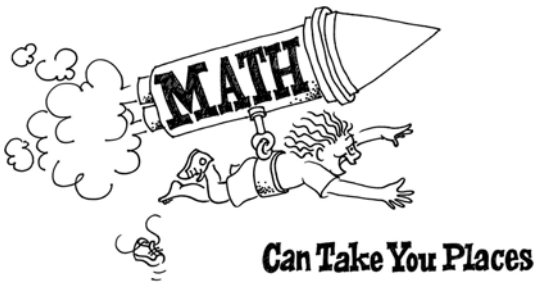


# Measurement PRACTICE QUESTIONS Set #6/Grade 6

Answers:

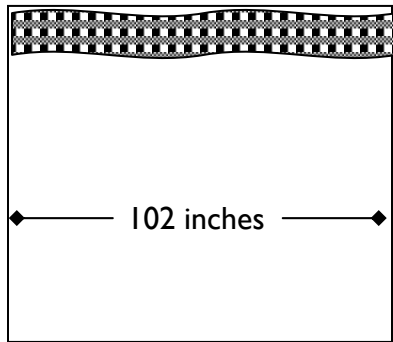
1. C
2. B
3. D





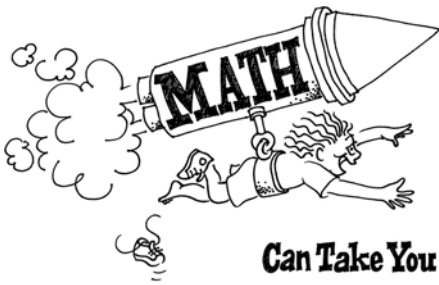
## Measurement PRACTICE QUESTIONS Set #7/Grade 6

1. Sabrina is pasting a decorative border on 3 walls in her kitchen. One roll of border will cover 72 inches. The sketch shows the length of one of the walls in the kitchen.



If all three walls are the same length, how many rolls of border will Sabrina need to purchase to cover all three walls?

- A. 3 rolls
  - B. 4 rolls
  - C. 5 rolls
  - D. 6 rolls
2. The top of a box measures 6 inches long and the width is  $\frac{2}{3}$  the measure of the length. What is the area of the box top?



# Measurement PRACTICE QUESTIONS Set #7/Grade 6

Answers:

1. C
2. This is an open response item. The solution is 24 square inches.