

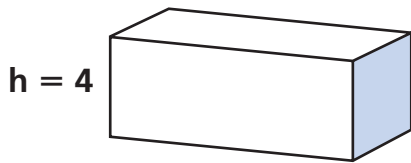
Problem Solving Test Prep

Choose the correct answer.

1 Vicky tosses a small paper cup in the air 50 times. It lands on its side 45 times. From the data what is the probability that the cup will land on its side?

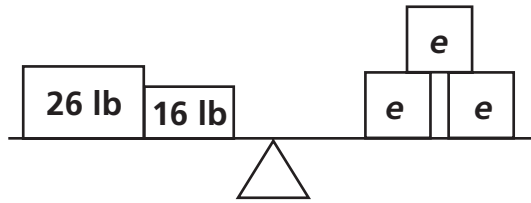
- A. $\frac{4}{5}$ C. $\frac{5}{9}$
 B. $\frac{9}{10}$ D. $\frac{5}{6}$

2 The volume of the rectangular prism is 64 cubic units. Which are the missing dimensions?



- A. $l = 6, w = 2$
 B. $l = 6, w = 3$
 C. $l = 8, w = 4$
 D. $l = 8, w = 2$

3 What is the weight of one box labeled e?



- A. 12 pounds C. 16 pounds
 B. 14 pounds D. 18 pounds

4 What is the value of w in the puzzle?

	×	s	6	
10		t	v	560
9		w	z	504
		950	114	1,064

- A. 59 C. 450
 B. 60 D. 500

Show What You Know

Solve each problem. Explain your answer.

5 James brought a plant to class on Monday and it was 8 centimeters tall. On Tuesday, it was 12 centimeters; on Wednesday, 17 centimeters; and on Thursday, 23 centimeters. If the plant's growing pattern continues, how tall will it be on Friday? Explain.

6 The chairs for the school concert were set up in 30 rows with 30 chairs in each row. In order to make an aisle, the chairs are rearranged into 26 rows with 34 chairs in each row. How does the rearrangement change the number of chairs? Explain.
