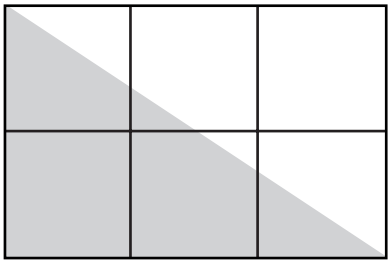
8 Each of the 6 small squares in the figure below measures 1 inch on each side.



Which of the following is **closest** to the area of the shaded portion of the figure?

A. 2 square inches

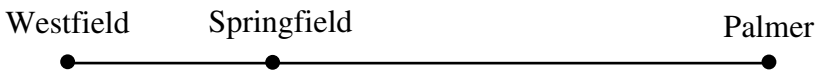
B. 3 square inches

C. 4 square inches

D. 5 square inches

Reporting Category for Item 8: ***Measurement***

9 The line below shows the locations of three towns on a highway.



The distance from Westfield to Springfield is 10 miles, and the distance from Westfield to Palmer is 25 miles. What is the distance, in miles, from Springfield to Palmer?

A. 15

B. 20

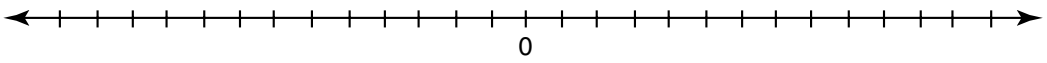
C. 30

D. 35

Reporting Category for Item 9: ***Geometry***

Session 1, Open-Response Question

Use the number line below to answer question 10.



10 a. Draw a number line like the one above in your Student Answer Booklet. Correctly position the following set of integers beneath the marks on your number line.

$$+10,\ -3,\ +6,\ +1,\ -9,\ -6$$

b. Explain why you decided where to place -3 on your number line.

c. Which number is greater: -10 or $+3$? Explain your answer.

d. Which number is greater: -3 or -6? Explain your answer.

Reporting Category for Item 10: ***Number Sense and Operations***

Session 1, Short-Answer Questions

11 Liam is playing a game with a deck of colored cards. The chart below shows the number of cards of each color in the deck.

Liam's Cards

Color of Cards	Number of Cards
Blue	2
Green	3
Red	5
Yellow	1
Orange	1

If Liam draws one card without looking, what is the probability he will draw a green card?

Reporting Category for Item 11: ***Data Analysis, Statistics, and Probability***

12 The approximate costs of running an automobile in 1994 are shown in the chart below.

Automobile Costs in 1994

Item	Amount
Gas and Oil	$750
Other	$2,250
Total Cost	$3,000

What fraction would represent the ratio of the cost of gas and oil to the total cost of running a car in 1994? Write your fraction in simplest form.

Reporting Category for Item 12: ***Number Sense and Operations***