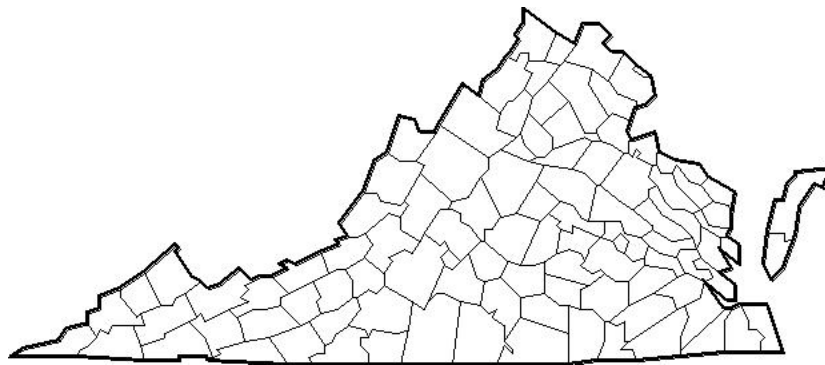


TESTS FOR HIGHER STANDARDS

MATHEMATICS

2002 Standards



SIMULATION TEST

Grade 4

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College of William and Mary**

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(4.9a)

20. Subtract: $\frac{5}{6} - \frac{1}{4} = \underline{\hspace{2cm}}$

F $\frac{4}{24}$

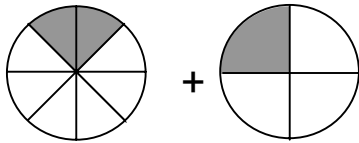
G $\frac{5}{24}$

H $\frac{9}{24}$

J $\frac{7}{12}$

(4.9a)

21. Which problem represents the picture below?



A $\frac{1}{4} + \frac{1}{2} = \frac{3}{12}$

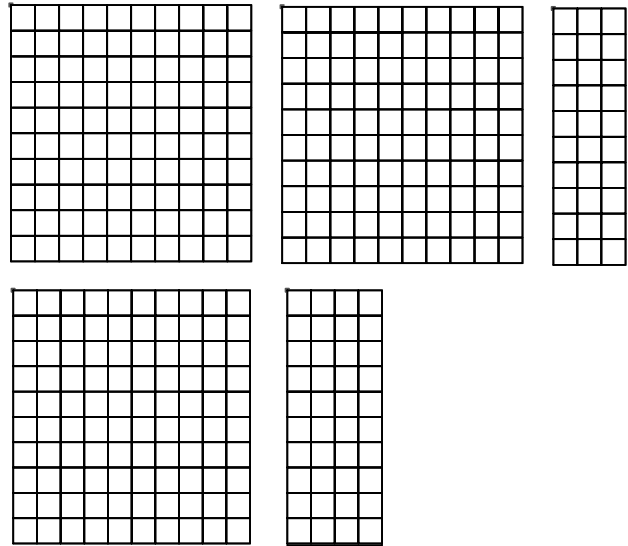
B $\frac{2}{8} + \frac{1}{4} = \frac{2}{4}$

C $\frac{1}{8} + \frac{1}{4} = \frac{1}{12}$

D $\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$

(4.9b)

22. Use the number grids to help you find the sum of 2.3 and 1.4.



F 3.0

G 3.7

H 4.2

J 4.5

(4.9c)

23. Kevin spent \$12.75 on school supplies, and Michael spent \$19.92 on his school supplies. How much more did Michael spend on school supplies than Kevin?

A \$8.23

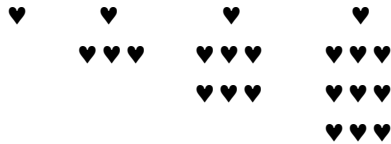
B \$7.17

C \$7.23

D \$7.27

(4.21)

51. Continue the pattern. How many hearts would be in the fifth position?



- A 11
- B 12
- C 13
- D 14

(4.21)

52. What is done to the first number in each pair to get the second number?

First Number	Second Number
20	5
24	6
28	7
32	8

- F add 4
- G subtract 15
- H divide by 4
- J add 4 and then add 1 more

(4.21)

53. What is the next number in this pattern?

44, 40, 36, 32, ____

- A 26
- B 28
- C 30
- D 34

Look at the chart below.

Day	Total Amount of Minutes Spent Reading
Monday	15
Tuesday	30
Wednesday	45
Thursday	60
Friday	?

(4.21)

54. Tom reads the same amount every night. By Friday, how many minutes will he have read?

- F 65
- G 75
- H 85
- J 90

(4.21)

55. The chart below shows the temperature for the last three days. If the pattern continues, what is the temperature most likely to be on Thursday?

Day	Temp.
Mon.	28
Tue.	31
Wed.	34
Thu.	?

- A 35
- B 37
- C 38
- D 40