



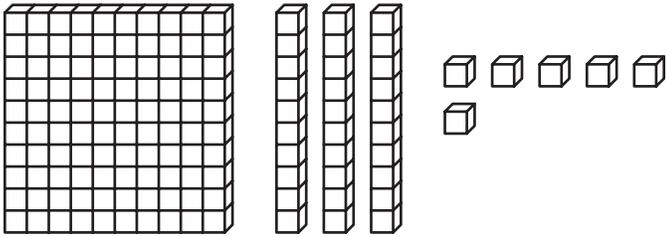
**NEW ENGLAND
COMMON ASSESSMENT PROGRAM**

**Released Items
2005**

**Grade 3
Mathematics**

Mathematics

1 Look at these blocks.



Key

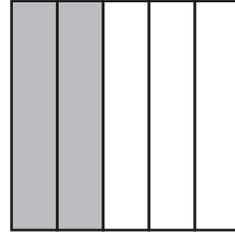
 represents 1

What is the value of these blocks?

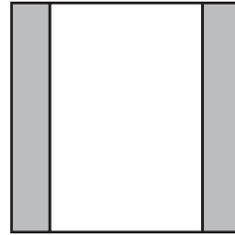
- A. 1 ten + 3 hundreds + 6 ones
- B. 1 hundred + 3 tens + 6 ones
- C. 100 hundreds + 30 tens + 6 ones
- D. 10 tens + 3 hundreds + 6 ones

2 Which square is $\frac{2}{3}$ shaded gray?

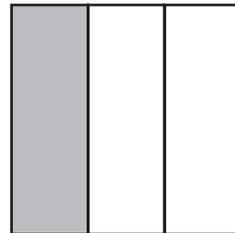
A.



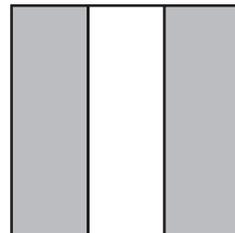
B.



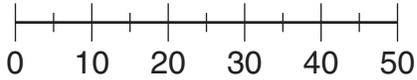
C.



D.



- 3 Look at this number line.



Which number is closest to 28?

- A. 10
 - B. 20
 - C. 30
 - D. 40
- 4 Jordan has 57 toy cars. Dina has 23 toy cars. How many more toy cars does Jordan have than Dina?
- A. 34
 - B. 44
 - C. 57
 - D. 80

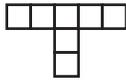
- 5 Erica went to the school store with these coins.



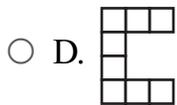
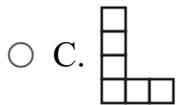
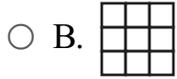
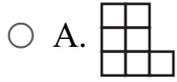
She bought a pencil for \$0.25 and a pen for \$0.35. How much money does Erica have now?

- A. \$0.10
- B. \$0.20
- C. \$0.25
- D. \$0.35

6 Look at this figure.



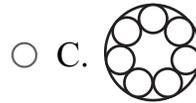
Which of the following has the same area as the figure above?



7 Look at this pattern.



What figure comes next in this pattern?



8 Look at this pattern.

17, 14, 11, 8, ___?

What number comes next in the pattern?

- A. 3
- B. 5
- C. 7
- D. 20

9 Look at this pictograph.

Books Sold

Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	
Sunday	

Key

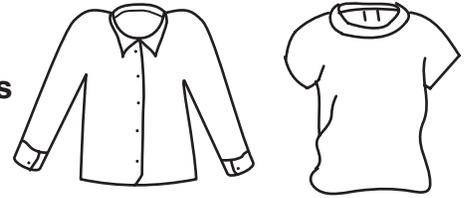
 represents 1 book

On which days were the same number of books sold?

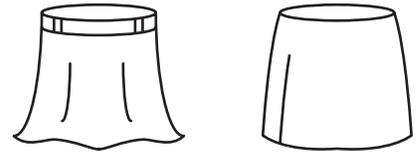
- A. Saturday and Sunday
- B. Tuesday and Saturday
- C. Tuesday and Thursday
- D. Wednesday and Friday

10 Tomeka is getting dressed. She can choose from the clothes shown below.

Shirts



Skirts

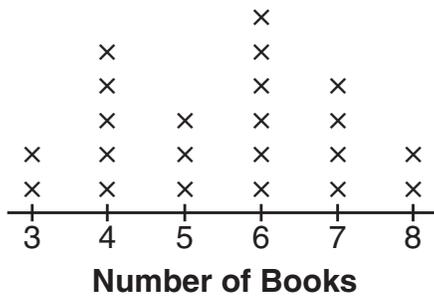


How many different outfits of one shirt and one skirt can Tomeka make?

- A. 2
- B. 4
- C. 6
- D. 8

13 Look at this line plot.

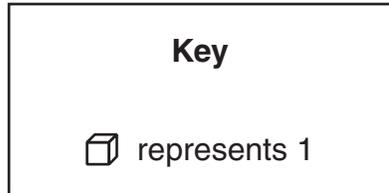
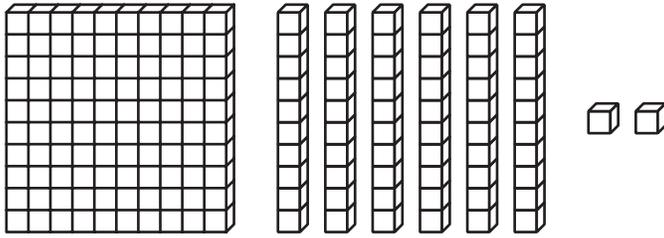
Books in Backpacks



Key
x represents 1 student

Write one question that can be answered by using the information in this line plot.

14 Look at these blocks.



- a. Write the number shown by the blocks. _____
- b. What number is 100 more than the number shown by the blocks? _____

15 Melanie had 42 markers. Then Melanie's father gave her some markers. Now Melanie has 54 markers.

How many markers did Melanie's father give her? Show your work or explain how you know.

- 16 A rope is 1 meter and 15 centimeters long. How many **centimeters** long is the rope?
Show your work or explain how you know.

100 centimeters = 1 meter



Grade 3 Mathematics Released Item Information

Released Item Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Calculator Allowed	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓			✓
Content Strand ¹	NO	NO	NO	NO	NO	GM	FA	FA	DP	DP	NO	FA	DP	NO	NO	GM
GLE Code	2-1	2-1	2-2	2-3	2-5	2-6	2-1	2-1	2-2	2-4	2-2	2-4	2-1	2-1	2-3	2-7
Depth of Knowledge Code	2	2	1	1	2	1	2	2	2	2	1	1	3	2	2	2
Item Type ²	MC	SA	SA	SA	SA	SA	SA									
Answer Key	B	D	C	A	C	A	D	B	D	B						
Total Possible Points	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2

¹Content Strand: NO = Numbers & Operations, GM = Geometry & Measurement, FA = Functions & Algebra, DP = Data, Statistics, & Probability

²Item Type: MC = Multiple-Choice, SA = Short Answer