



# Practice Items

## Grade 4

# Mathematics

### Examiner's Copy and Student Materials

Virginia Department of Education

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Item 1

Option:

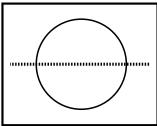
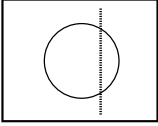
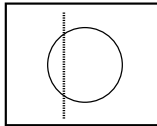
Here is a subtraction problem. (Point to math problem.) What is 10 minus 2? 3, 5, or 8

A	B	C	Student Response
3	5	8	

Item 2

Option:

Here are three circles with lines across them. (Point to answer choices.) Which circle has a line that divides it in half? A, B, or C

A	B	C	Student Response
			

Item 3

Option:

Here is the name for the number thirty-seven. (Point to words.) Which of these numbers is thirty-seven? A, B, or C

A	B	C	Student Response
17	27	37	

Item 4

Option:

Here are 8 orange slices. (Point to student materials.) Sarah takes one half of the slices, 4 slices. Peter takes one fourth of the slices, 2 slices. How many slices of the orange did they take all together? 2, 6, or 8

A	B	C	Student Response
2	6	8	

Item 5

Option:

Here is a number line that goes from 20 to 30. (Point to student materials.) I am going to skip count, 21, 24, 27, 30. Did I skip count by 2, 3, or 5? 2, 3, or 5

A	B	C	Student Response
2	3	5	

Item 6

Option:

Here is a picture of a rectangle that is 5 feet by 2 feet and a unit square that is 1 foot by 1 foot. (Point to student materials.) How many unit squares will fit in the large rectangle? 9, 10, or 11

A	B	C	Student Response
9	10	11	

Item 7

Option:

Here are nine balls divided into three equal groups. (Point to student materials.) To find how many balls are in each group, you divide nine by three. How many balls are in each group? 3, 6, or 9

A	B	C	Student Response
3	6	9	

Item 8

Option:

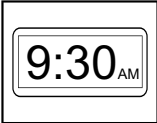
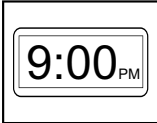
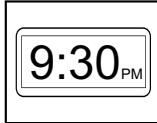
Here is a penny, a nickel, and a dime. (Point to the coins.) How much is a penny, a nickel, and a dime altogether? 16 cents, 30 cents, or 36 cents

A	B	C	Student Response
16 cents	30 cents	36 cents	

Item 9

Option:

Here are three clocks for you to read. (Point to answer options.) Will's bedtime is at nine-thirty each night. Which clock shows nine thirty at night? A, B, or C

A	B	C	Student Response
			

Item 10

Option:

Here is a ruler and a pencil. (Point to student materials.) Use the ruler to measure the pencil. How long is the pencil? 1 inch, 3 inches, or 5 inches

A	B	C	Student Response
1 inch	3 inches	5 inches	

Item 11

Option:

Here is a number line from 1 to 5 and a math problem. (Point to student materials.) What is two plus one and one-half? one and one-half, two, or three and one-half

A	B	C	Student Response
$1\frac{1}{2}$	2	$3\frac{1}{2}$	

Item 12

Option:

Here is a triangle. (Point to student materials.) How many angles does the triangle have? 1, 2, or 3

A	B	C	Student Response
1	2	3	

Item 13

Option:

Here are two numbers 30 and 35. (Point to student materials.) Is 30 less than, greater than, or equal to 35? less than, greater than, or equal to

A	B	C	Student Response
< less than	> greater than	= equal to	

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Item 1

$$10 - 2 = \underline{\quad ? \quad}$$

What is 10 minus 2 ?

A rectangular box with a black border, containing the number 3 in the center.

**A**

A rectangular box with a black border, containing the number 5 in the center.

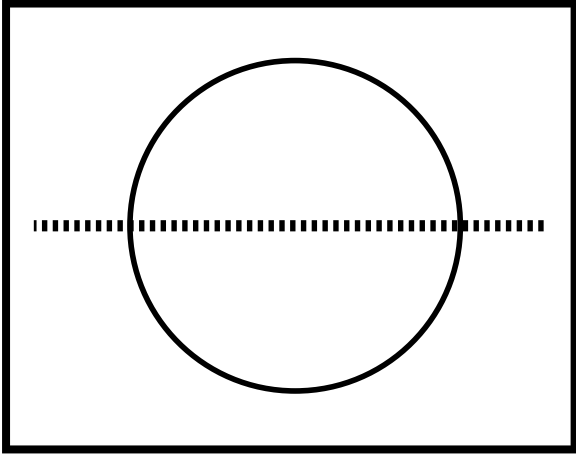
**B**

A rectangular box with a black border, containing the number 8 in the center.

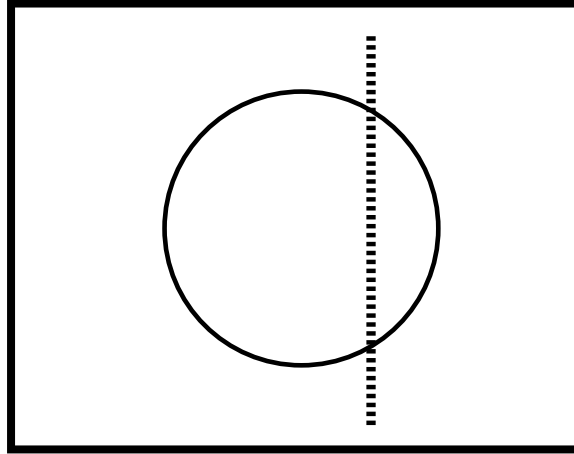
**C**

Item 2

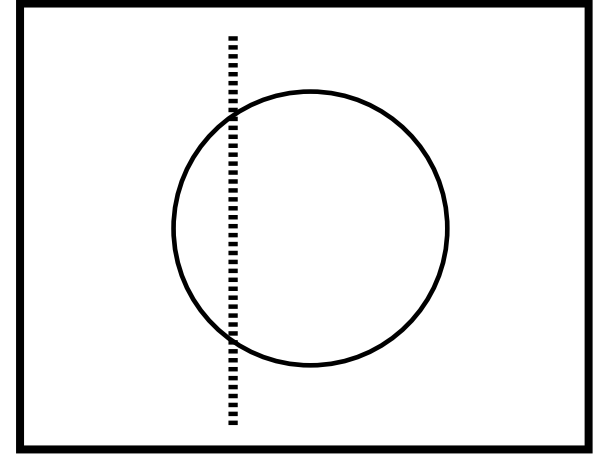
Which circle has a line that divides it in half?



A



B



C

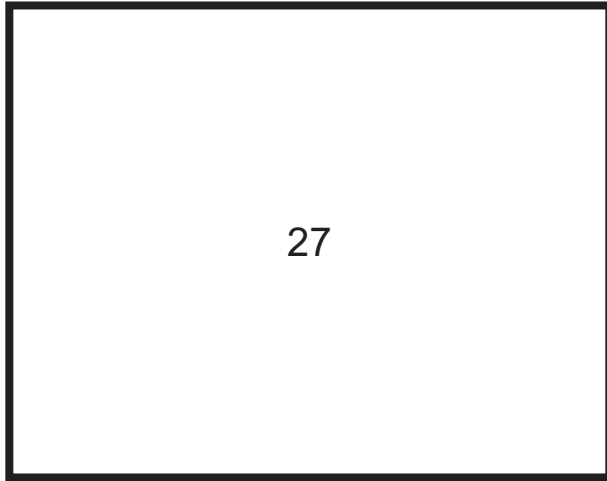
Item 3

thirty-seven

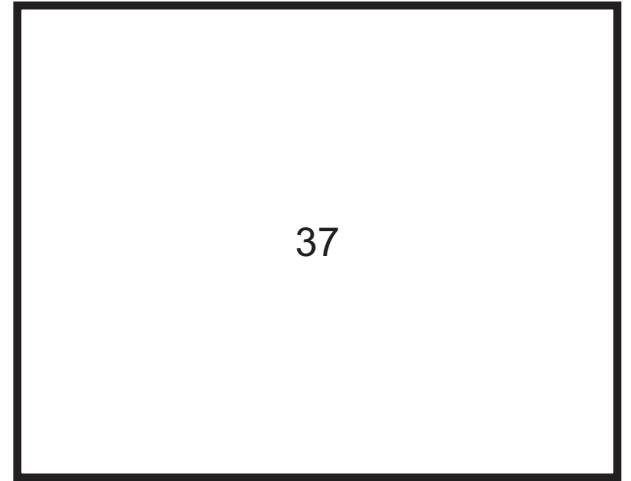
Which of these numbers is thirty-seven?

A rectangular box with a black border containing the number 17 in the center.

**A**

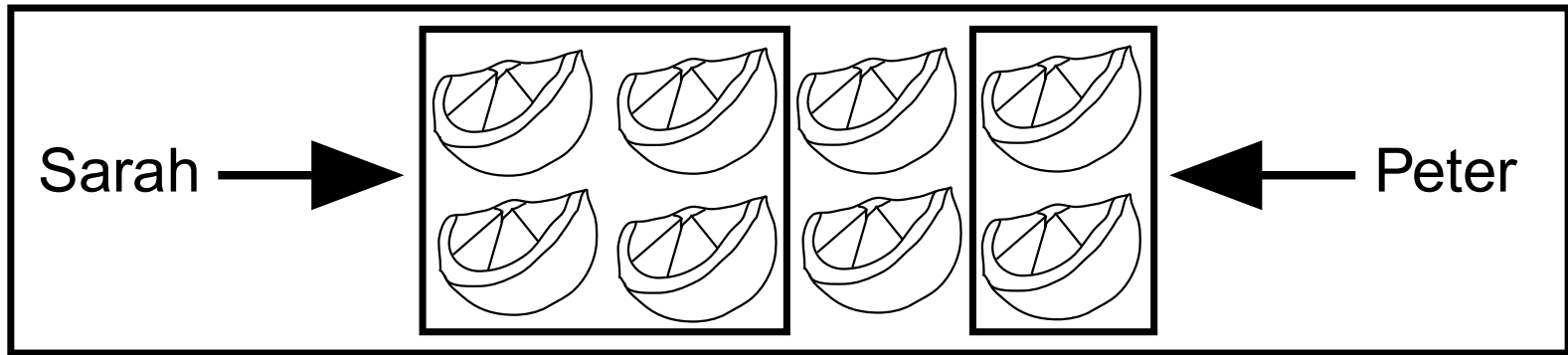
A rectangular box with a black border containing the number 27 in the center.

**B**

A rectangular box with a black border containing the number 37 in the center.

**C**

Item 4



How many slices of the orange did they take all together?

2

A

6

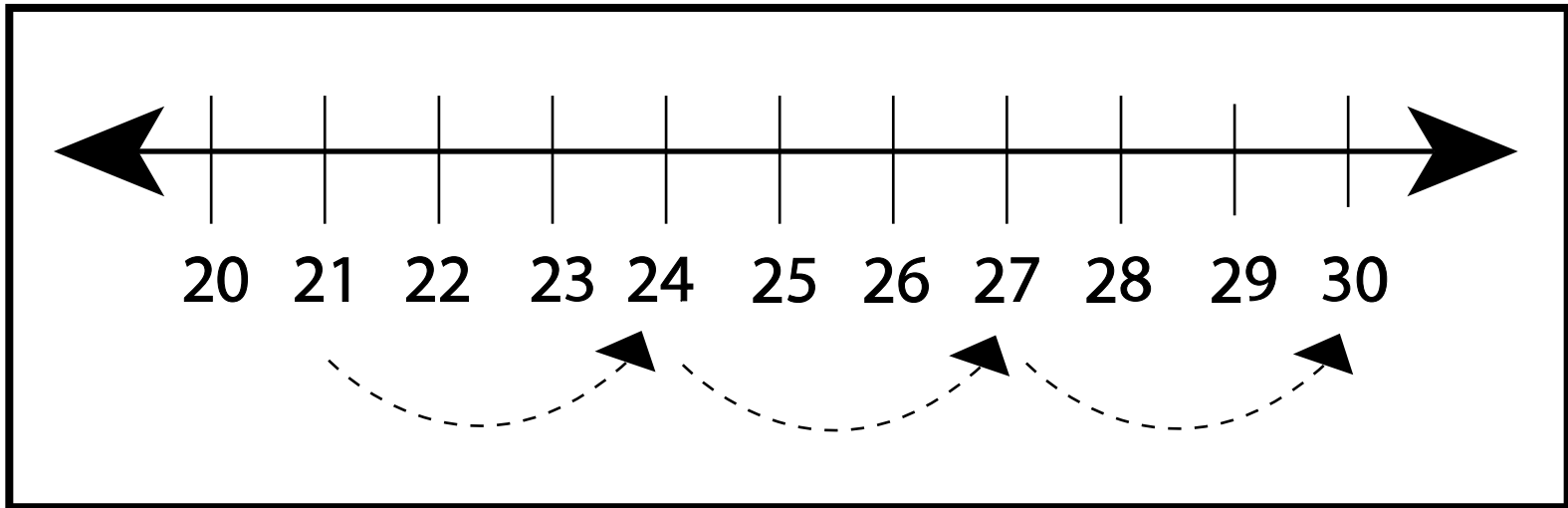
B

8

C



Item 5



Did I skip count by 2, 3, or 5?

2

A

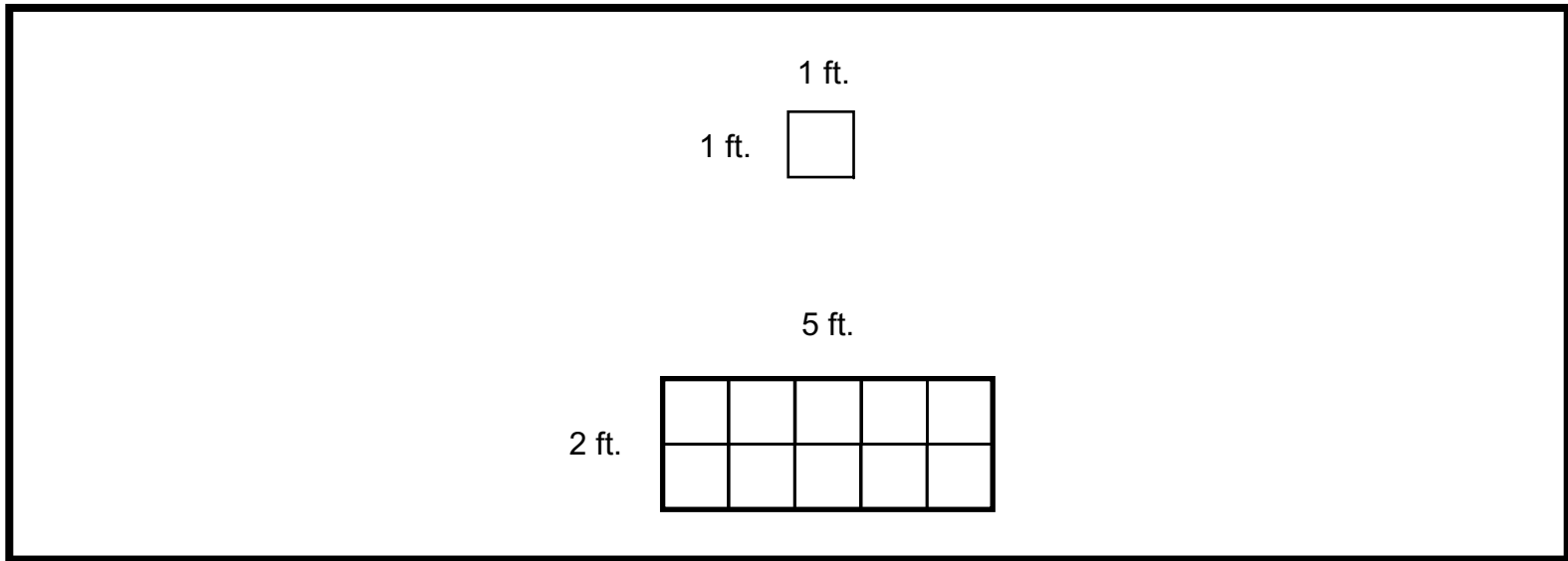
3

B

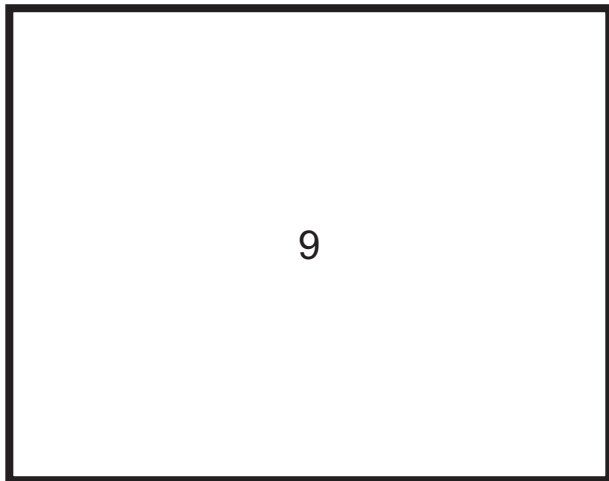
5

C

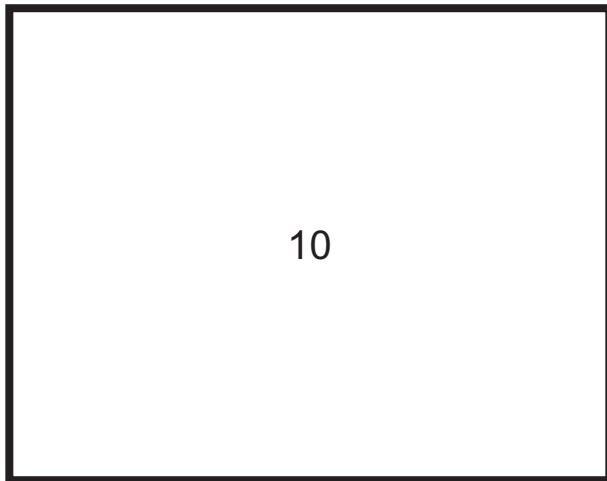
Item 6



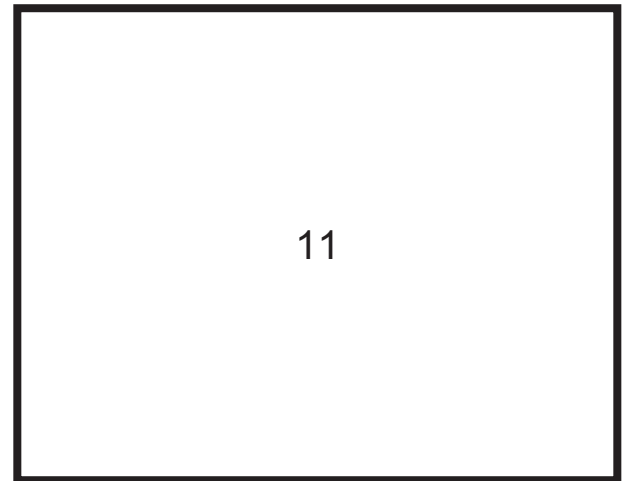
How many unit squares will fit in the large rectangle?



**A**



**B**



**C**

Item 7

$9 \div 3 = \underline{\quad}$

To find how many balls are in each group, you divide nine by three.

How many balls are in each group?

3

**A**

6

**B**

9

**C**

Item 8



How much is a penny, a nickel, and a dime altogether?

16 cents

A

30 cents

B

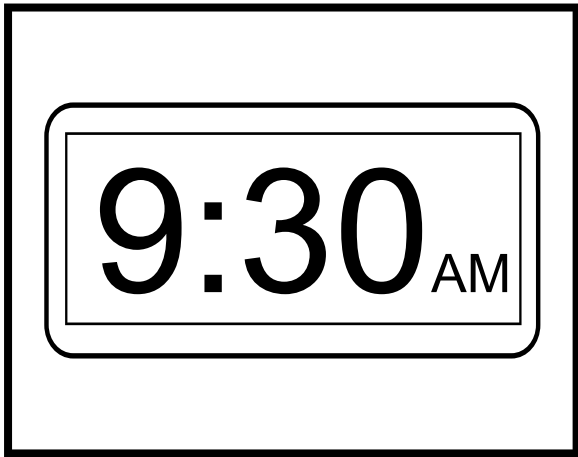
36 cents

C

Item 9

Will's bedtime is at nine-thirty each night.

Which clock shows nine thirty at night?



A

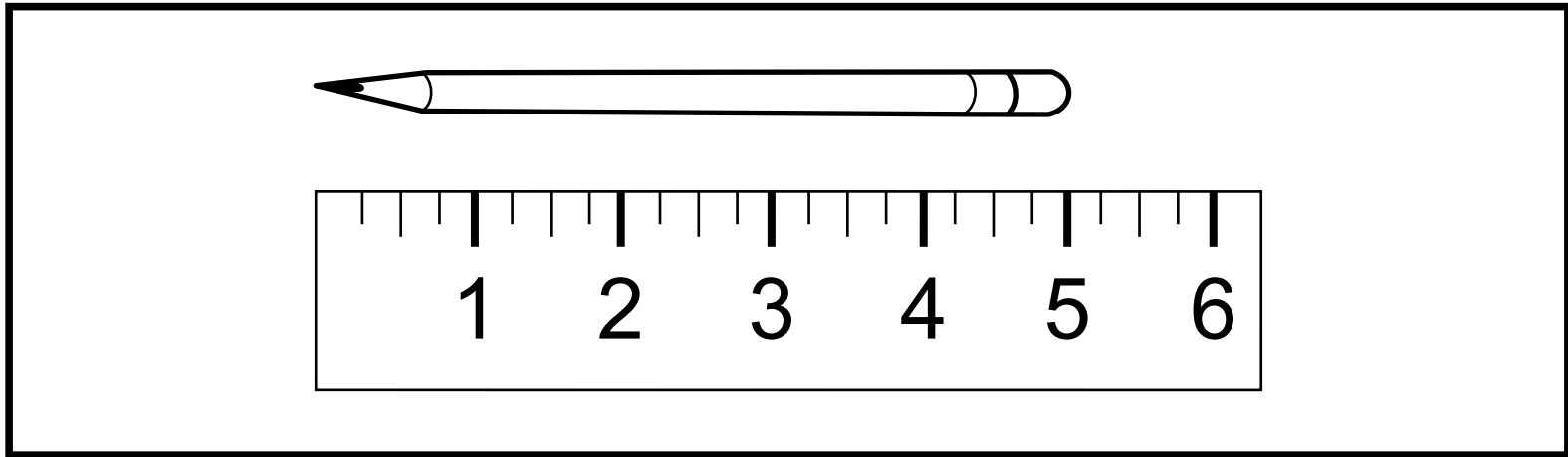


B



C

Item 10



Use the ruler to measure the pencil.

How long is the pencil?

1 in.

A

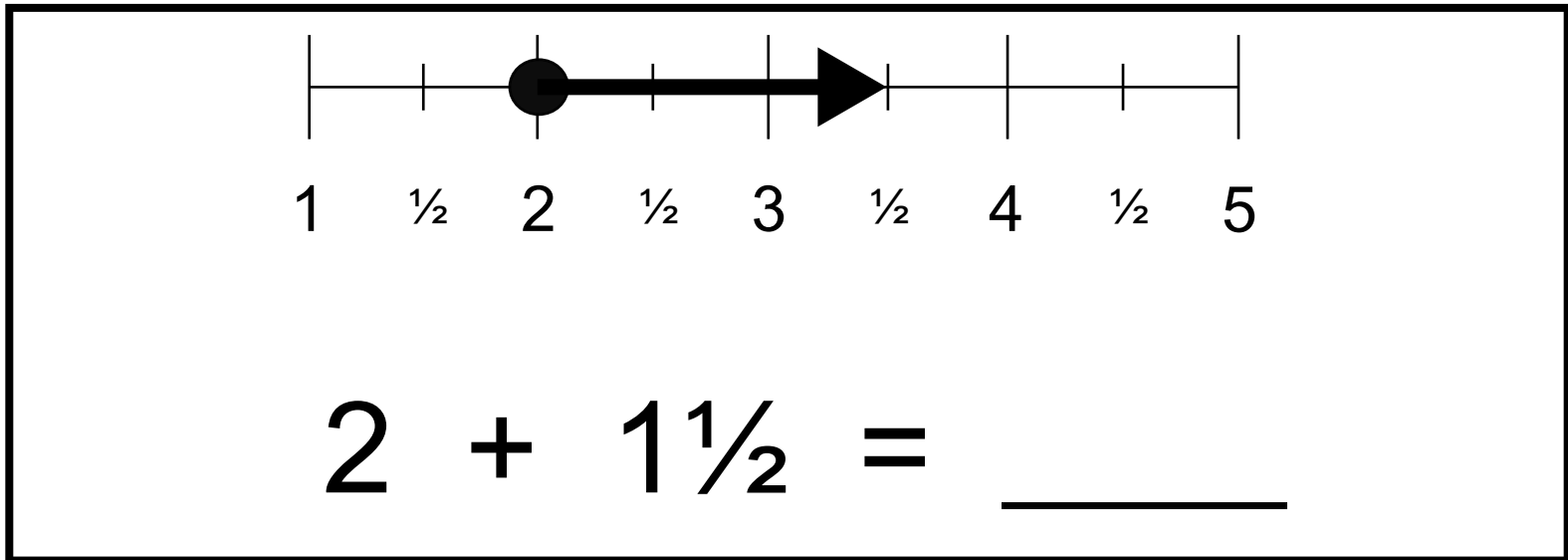
3 in.

B

5 in.

C

Item 11



What is two plus one and one-half?

$1\frac{1}{2}$

A

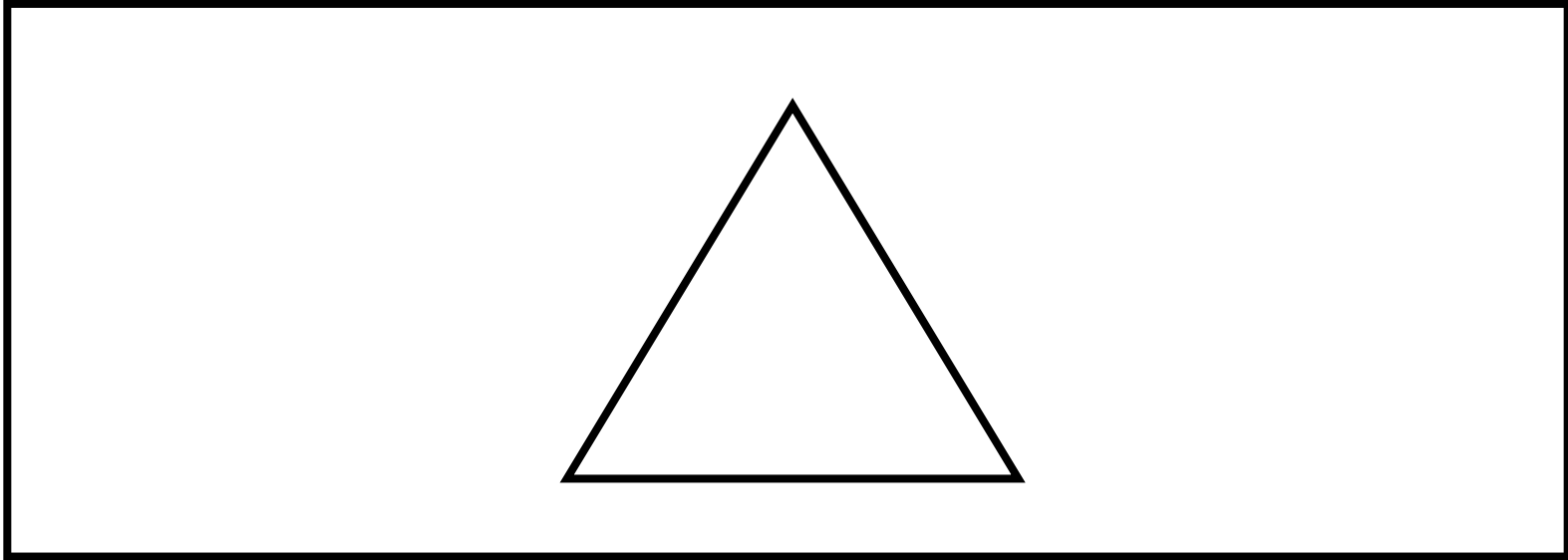
2

B

$3\frac{1}{2}$

C

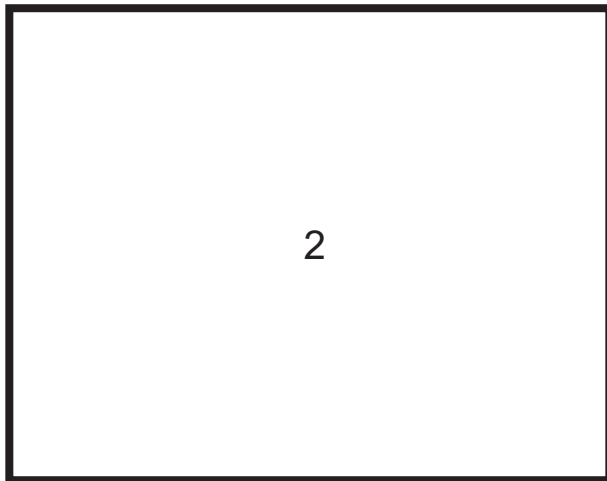
Item 12



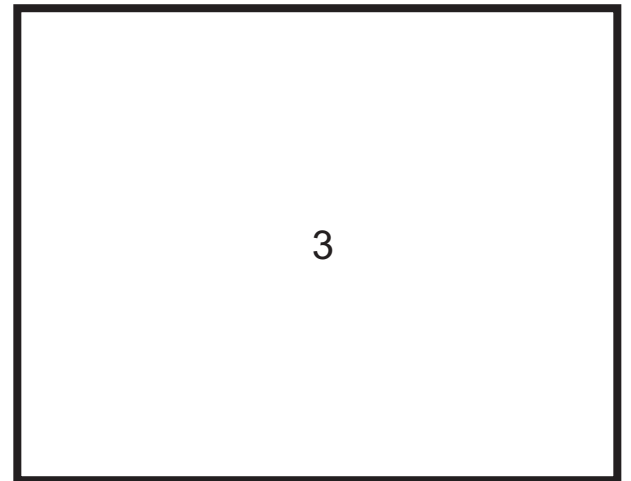
How many angles does the triangle have?



**A**



**B**



**C**



Item 13

30 \_\_\_ 35

Is 30 less than, greater than, or equal to 35?

< less than

> greater than

= equal to

**A**

**B**

**C**

