

PRACTICE TEST

Mathematics

Grade 3

Student Name

School Name

District Name



Grade 3 Mathematics

SESSION 1

This session contains 5 questions.

You may **not** use a calculator during this session.



Directions

Read each question carefully and then answer it as well as you can. You must record all answers in this Practice Test Booklet.

For some questions, you will mark your answers by filling in the circles in your Practice Test Booklet. Make sure you darken the circles completely. Do not make any marks outside of the circles. If you need to change an answer, be sure to erase your first answer completely.

For other questions, you will need to fill in an answer grid. Directions for completing questions with answer grids are provided on the next page.

If a question asks you to show or explain your work, you must do so to receive full credit. Write your response in the space provided. Only responses written within the provided space will be scored.

Directions for Completing Questions with Answer Grids

1. Work the question and find an answer.
2. Enter your answer in the answer boxes at the top of the answer grid.
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7. See below for examples of how to correctly complete an answer grid.

EXAMPLES

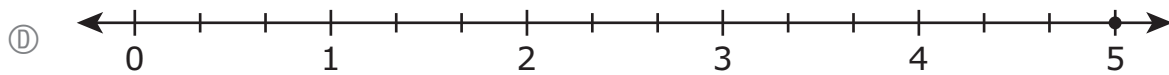
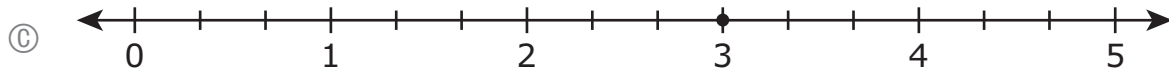
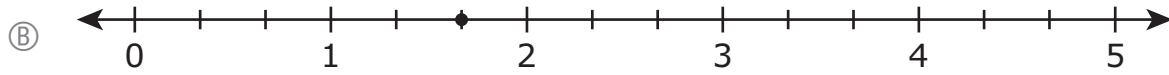
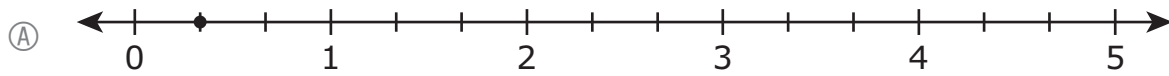
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1 Which number line shows the correct location of the number $\frac{5}{3}$?



2 A pet store has 5 fish tanks with 10 fish in each tank. A shopper buys 8 fish and takes them home.

After the shopper leaves the store, what is the total number of fish left in the pet store's tanks?

- (A) 23
- (B) 42
- (C) 50
- (D) 58

- 3 Find the quotient.

$$42 \div 7$$

Enter your answer in the answer boxes at the top of the answer grid **and** completely fill the matching circles.

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4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

- 4 Jana gets a sticker for every 5 minutes she spends on her chores each day. She puts them on a picture graph as shown.

Jana's Chores

Day	Minutes of Chores
Monday	★ ★ ★ ★
Tuesday	★ ★ ★ ★ ★
Wednesday	★ ★ ★ ★
Thursday	★ ★ ★ ★ ★ ★
Friday	

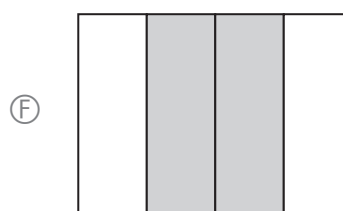
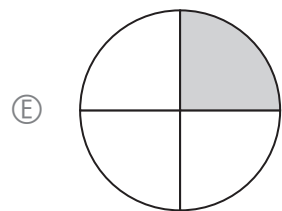
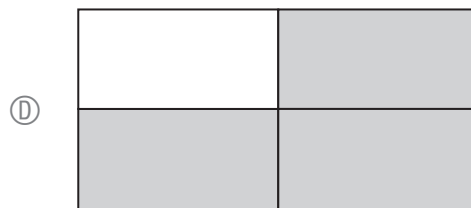
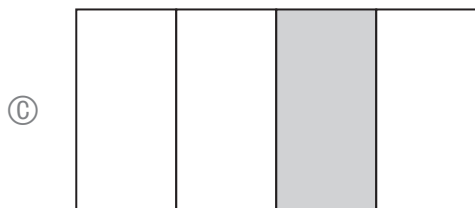
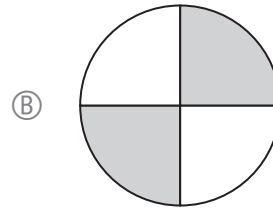
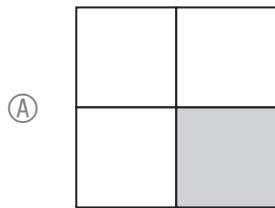
KEY
★ = 5 minutes

Jana spends a total of 130 minutes doing chores during the week. How many stickers should Jana get on Friday?

- (A) 5
- (B) 7
- (C) 19
- (D) 35

- 5 Each model equals one whole divided into equal parts. Which models show $\frac{1}{4}$ shaded?

Select the **three** correct answers.



Grade 3 Mathematics

SESSION 2

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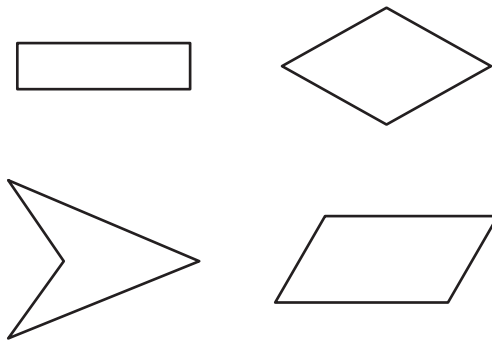
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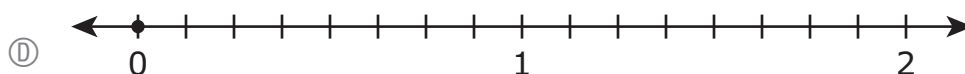
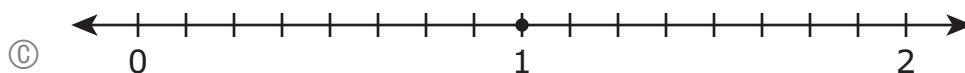
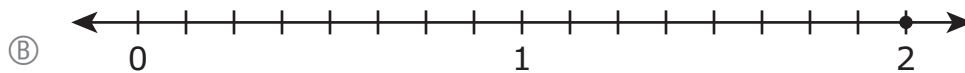
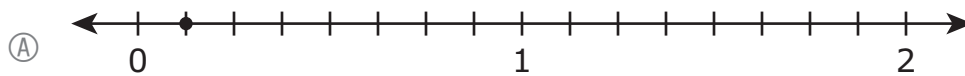
- 6 Mr. Jacobs showed these shapes to his class.



Which word describes **all** of the shapes?

- Ⓐ squares
- Ⓑ triangles
- Ⓒ rectangles
- Ⓓ quadrilaterals

7 Which number line shows a point at $\frac{8}{8}$?

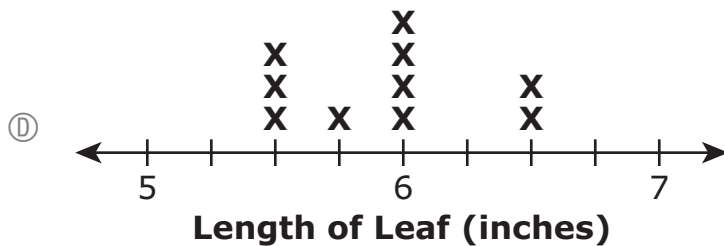
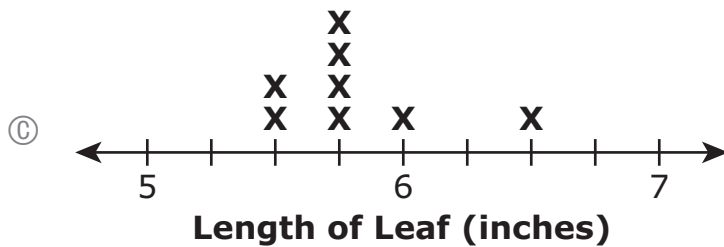
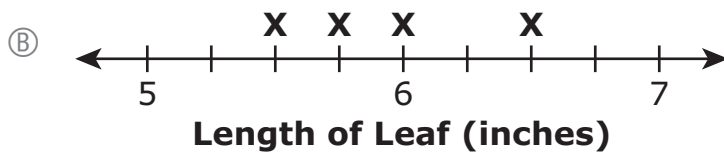
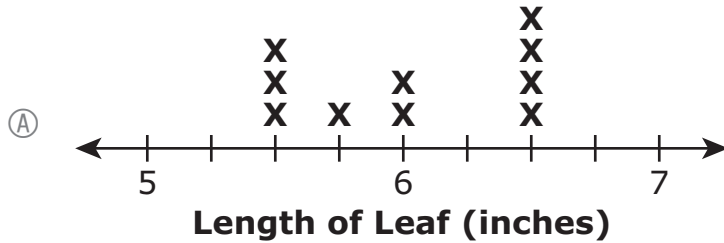


- 8 Eric measures 10 leaves with a ruler. He records the lengths as shown.

Lengths of Leaves (inches)

$$5\frac{1}{2}, 6\frac{1}{2}, 6\frac{1}{2}, 6, 5\frac{3}{4}, 5\frac{1}{2}, 6, 6, 5\frac{1}{2}, 6$$

Which line plot shows the lengths of the leaves recorded correctly?



9 Which **two** ways show how to find the value of 7×40 ?

Select the **two** correct answers.

- Ⓐ 7×4
- Ⓑ 4×10
- Ⓒ $7 \times 4 \times 10$
- Ⓓ 7 groups of 4 ones
- Ⓔ 7 groups of 4 tens

This question has two parts.

- 10** Cindy is finding the quotient for $27 \div 9$. She says, "The answer is 18 because addition is the opposite of division and $9 + 18 = 27$."

Part A

Identify the incorrect reasoning in Cindy's statement.

Enter your explanation in the space provided.

Part B

Show or explain how Cindy can correct her reasoning.

Find the quotient when 27 is divided by 9.

Enter your answer and your work or explanation in the space provided.