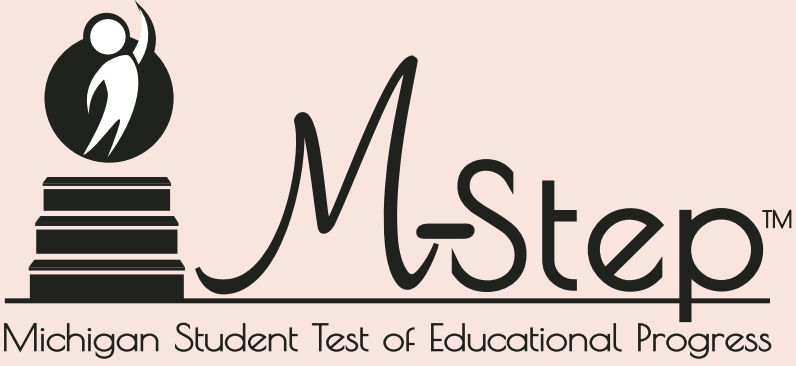


Student Name _____



3rd

4th

5th

6th

7th

8th

FS

8
7
6
5
4
3
2
1
0

Sample Items



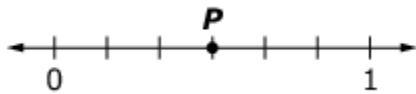
Grade
3
Form
S

MATHEMATICS

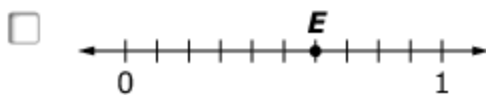
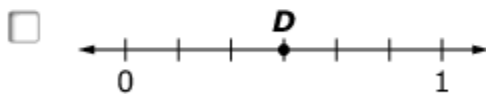
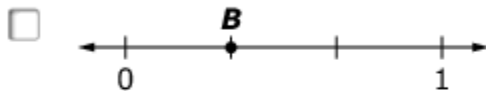
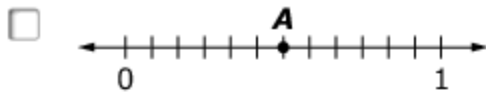
1. Does replacing the unknown with 7 make each equation true? Select Yes or No for each equation.

	Yes	No
$6 \times \square = 36$	<input type="checkbox"/>	<input type="checkbox"/>
$8 \times \square = 64$	<input type="checkbox"/>	<input type="checkbox"/>
$49 \div \square = 7$	<input type="checkbox"/>	<input type="checkbox"/>
$54 \div \square = 6$	<input type="checkbox"/>	<input type="checkbox"/>

2. Use this number line to solve the problem.



Choose **all** the number lines that show a number equal to the number shown by point *P*.



3. Which expression is equal to 3×7 ?

- A. $(2 \times 7) + (1 \times 7)$
- B. $(7 \times 5) - 2$
- C. $(3 \times 4) + (3 \times 5)$
- D. $(3 \times 4) \times 3$

4. Use this clock to answer the question.

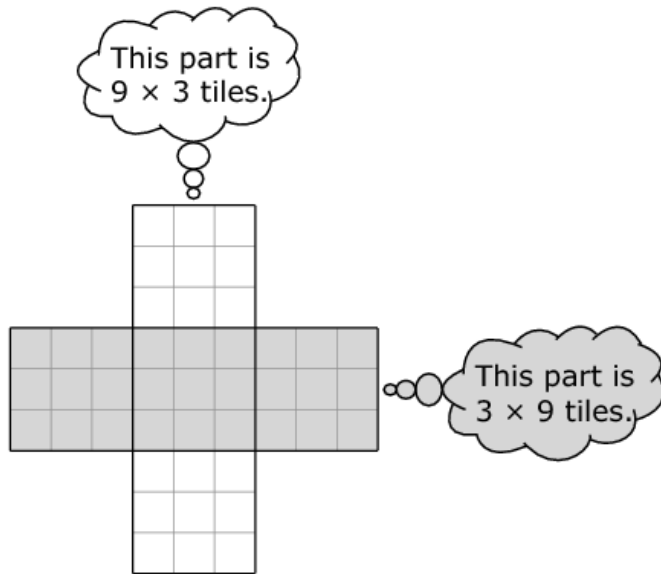


Select the time to the nearest minute shown on the clock.

- A. 4:10
 - B. 4:49
 - C. 5:10
 - D. 5:59
5. Decide if each equation is True or False for each question. Choose True or False for each equation.

	True	False
$3 \times 6 = 18 \div 2$	<input type="checkbox"/>	<input type="checkbox"/>
$4 \times 9 = 36 \div 4$	<input type="checkbox"/>	<input type="checkbox"/>
$2 \times 5 = 20 \div 2$	<input type="checkbox"/>	<input type="checkbox"/>

6. Tasha is doing an art project with square tiles. She needs to figure out how many tiles she will need. This picture shows her design. Tasha thinks:

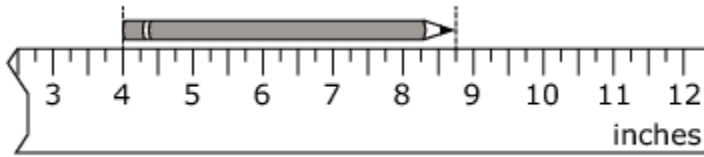


Tasha says, "I need $(9 \times 3) + (3 \times 9) = 27 + 27 = 54$ tiles to make the design."

Which statement explains why Tasha is **not** correct?

- A. $27 + 27$ does not equal 54.
- B. (3×9) does not equal (9×3)
- C. Tasha multiplied 9×3 incorrectly.
- D. Tasha included the 9 squares in the middle twice.

7. Tracy has a broken ruler, but she can use it to measure the length of her pencil. What is the length in inches of the pencil shown?



- A. 8 inches
- B. $7\frac{3}{4}$ inches
- C. 5 inches
- D. $4\frac{3}{4}$ inches
8. Jeff has 6 markers. He estimates that the total mass of the markers is 54 grams.
- Which statement could Jeff have used to make his estimate?
- A. Three markers have a mass of about 35 grams.
- B. Three markers have a mass of about 18 grams.
- C. Each marker has an equal mass of about 9 grams.
- D. Each marker has an equal mass of about 7 grams.

Answer Key

- 1.** No, No, Yes, No
- 2.** 1st and 4th number lines
- 3.** A
- 4.** B
- 5.** False, False, True
- 6.** D
- 7.** D
- 8.** C

3rd

4th

5th

6th

7th

8th

FS



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