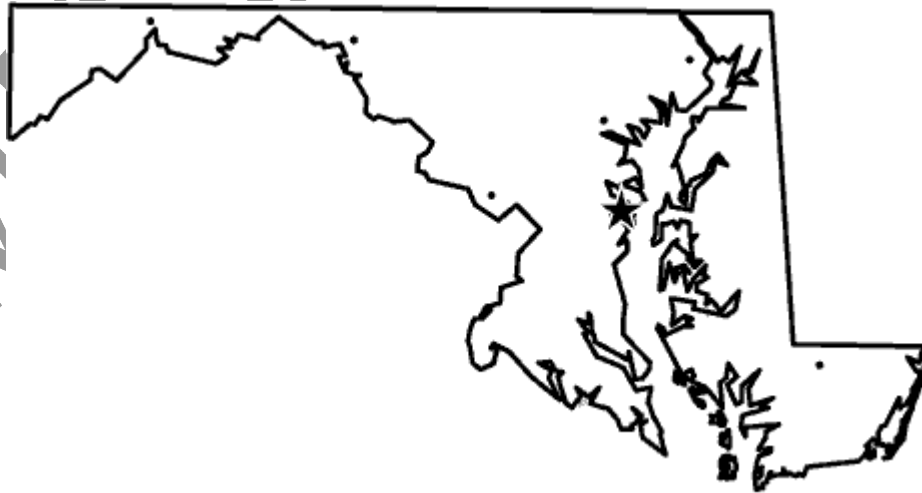


Tests for Higher Standards

MATHEMATICS



GRADE LEVEL TEST
FOR THE MARYLAND SCHOOL ASSESSMENT

Grade 3

Part I

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3-1.A.1.a

1. Look at the pattern of numbers and words below:

1 book, 3 ball, 5 book, 7 ball, 9 book, 11 ball, . . .

Which number and word continue this pattern?

- A 12 book
- B 13 ball
- C 13 book
- D 15 book

3-1.A.1.a

2. Look at the pattern of numbers below:

55, 60, 65, 70, . . .

Which numbers continue this pattern?

- A 80, 85, 90
- B 75, 80, 85
- C 71, 72, 73
- D 80, 90, 100

3-1.A.1.b

3. What are the missing numbers in this pattern?**3, 6, ?, 12, ?**

- A 7 and 13
- B 9 and 15
- C 9 and 13
- D 7 and 14

3-1.A.1.b

4. Look at the pattern of numbers below:

2, 5, 8, . . .

Which numbers continue this pattern?

- A 12, 16, 20
- B 10, 12, 14
- C 11, 14, 17
- D 12, 15, 18

3-1.A.1.c

5. Look at the pattern of numbers below:

50, 40, 30, . . .

Which numbers continue this pattern?

- A** 20, 10, 0
- B** 60, 70, 80
- C** 25, 20, 15
- D** 29, 28, 27

3-1.A.1.c

6. Look at the pattern of numbers below:

700, 600, 500, . . .

Which numbers continue this pattern?

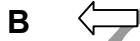
- A** 800, 850, 900
- B** 400, 300, 200
- C** 450, 400, 350
- D** 400, 200, 0

3-1.A.2.a

7. Look at the pattern of letters below:**ABCD — BCDE — CDEF —****Which of the following best continues this pattern?**

- A** GHIJ
- B** HIJK
- C** ABCD
- D** DEFG

3-1.A.2.a

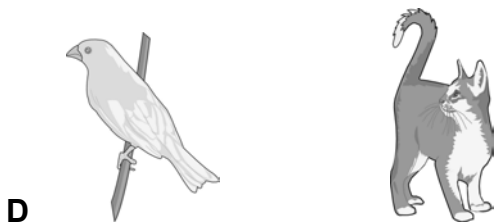
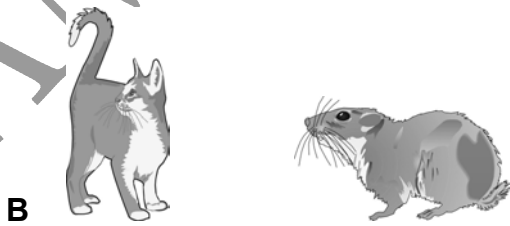
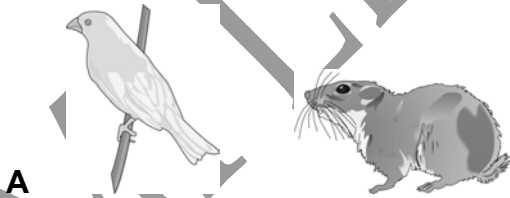
8. Look at the pattern below:**Which answer correctly continues the pattern?**

3-1.A.2.b

9. Look at the pattern below:



Which answer correctly continues the pattern?



3-1.A.2.b

10. Look at the pattern below:



Which answer correctly continues the pattern?

A



B



C



D



3-1.B.2.a

11. Solve this problem.

$7 + 8 > \underline{\hspace{2cm}}$

- A 43 - 29
- B 37 - 22
- C 68 - 52
- D 26 - 8

3-1.B.2.a

12. Solve this problem.

$10 - 3 < \underline{\hspace{2cm}}$

- A 4 + 2
- B 3 + 4
- C 2 + 6
- D 1 + 5

3-1.B.2.a

13. Solve this problem.

$13 - 7 = \underline{\hspace{2cm}}$

- A 20
- B 18
- C 6
- D 5

3-1.B.2.c

14. Solve this problem.

$4 + \underline{\hspace{1cm}} = 18 - 7$

- A 9
- B 8
- C 7
- D 6

3-1.B.2.c

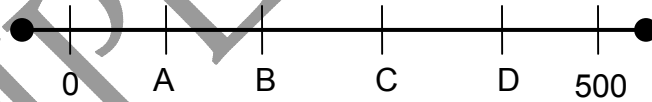
15. Solve this problem.

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

- A** 3; 5
- B** 4; 6
- C** 5; 2
- D** 6; 3

3-1.C.1.a

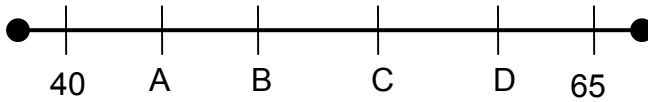
16. Where is 300 on this number line?



- A** A
- B** B
- C** C
- D** D

3-1.C.1.a

17. Where is 50 on this number line?



- A** A
- B** B
- C** C
- D** D

3-2.A.1.a

18. What is the name of this figure?



- A** ray
- B** line segment
- C** line
- D** angle

3-2.A.1.a

19. What is the name of this figure?

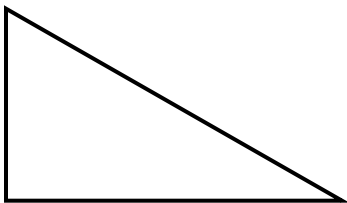
- A ray
- B line segment
- C line
- D angle

3-2.A.1.a

20. What is the name of this figure?

- A ray
- B line segment
- C line
- D angle

3-2.A.1.b

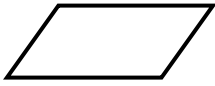
21. What is the name of this figure?

- A square
- B circle
- C triangle
- D cube

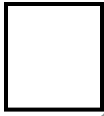
3-2.A.1.b

22. Which item is a *hexagon*?

A



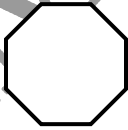
B



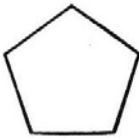
C



D

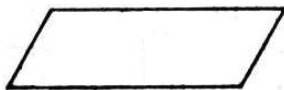


3-2.A.1.b

23. What is the name of this figure?

- A quadrilateral
- B square
- C hexagon
- D pentagon

3-2.A.1.c

24. What is the name of this figure?

- A rhombus
- B square
- C parallelogram
- D trapezoid

3-2.A.1.c

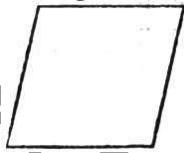
25. What is the name of this figure?



- A rhombus
- B square
- C parallelogram
- D trapezoid

3-2.A.1.c

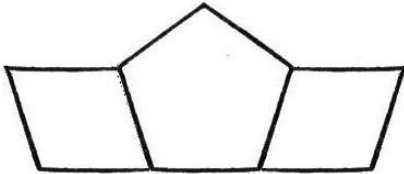
26. What is the name of this figure?



- A rhombus
- B square
- C rectangle
- D trapezoid

3-2.A.1.d

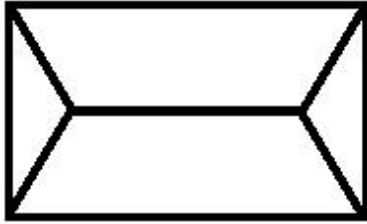
27. Look at this figure.



What two types of *polygon* make up this figure?

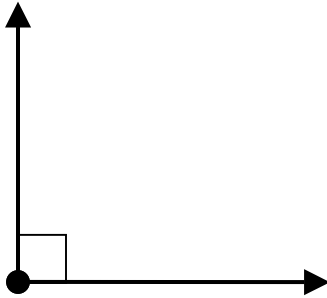
- A triangle and parallelogram
- B square and hexagon
- C pentagon and rhombus
- D trapezoid and rectangle

3-2.A.1.d

28. Look at this figure.**What are two types of *polygon* that make up this figure?**

- A triangle and square
- B rhombus and pentagon
- C trapezoid and triangle
- D rectangle and cone

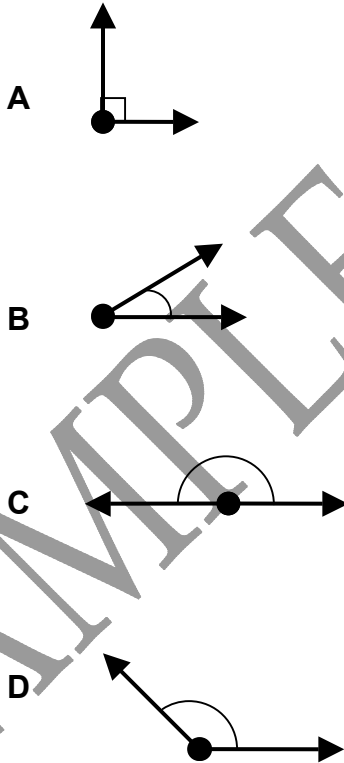
3-2.A.2

29. What is the name of this figure?

- A acute angle
- B right angle
- C obtuse angle
- D triangle

3-2.A.2

30. Which figure is a *right angle*?



Use Figure A below to answer questions 31 - 33.

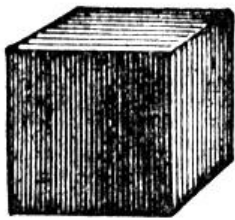


Figure A

3-2.B.1.a

31. What is the name of Figure A?

- A sphere
- B square
- C pyramid
- D cube

3-2.B.1.a

32. How many *edges* does Figure A have?

- A 4
- B 6
- C 8
- D 12

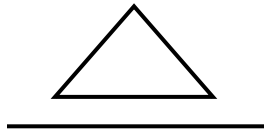
3-2.B.1.a

33. How many *faces* does Figure A have?

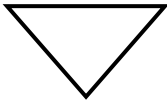
- A 3
- B 6
- C 9
- D 12

3-2.E.1.a

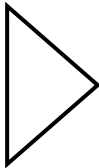
34. What happens to the triangle when you flip it over the line?



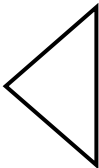
A



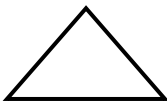
B



C

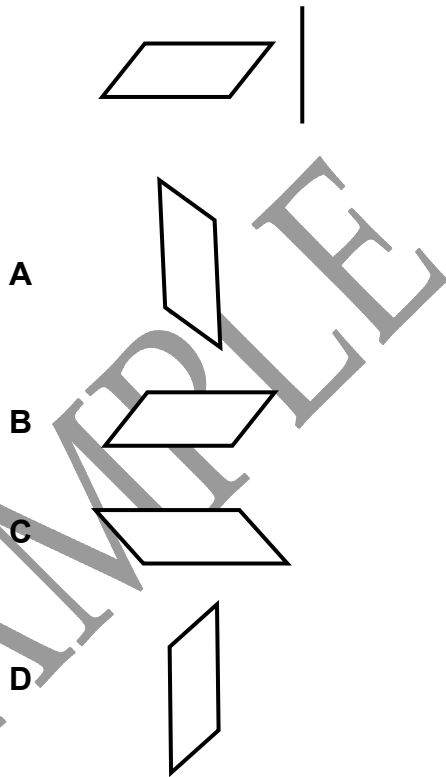


D



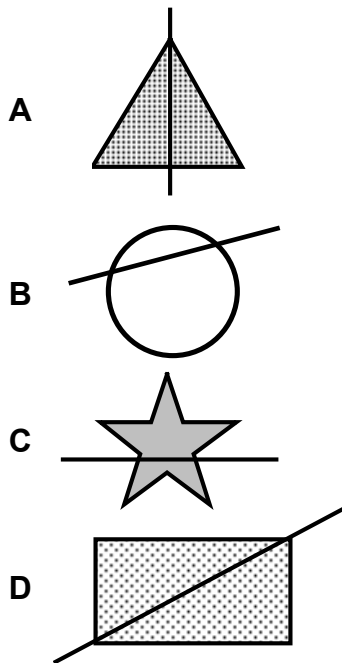
3-2.E.1.a

35. What happens to the parallelogram when you slide it over the line?



3-2.E.2.a

36. Which figure below shows *line symmetry*?



3-2.E.2.a

37. Which figure below does *not* show *line symmetry*?

