

MMLA Mathematics Assessment Items

Name: _____

Date: _____

Multiple Choice Questions

Select the one best answer for each question.

1. Write these numbers from smallest to largest: 21, 16, 35, 8.

A. 21, 35, 16, 8

B. 16, 21, 35, 8

C. 8, 16, 21, 35

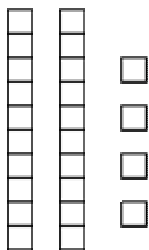
2. Which number is ONE MORE than 27?

A. 26

B. 28

C. 37

3. What number is represented by the following?



A. 24

B. 42

C. 60

4. How can you make 8 cubes?

A. 2 cubes plus 5 cubes

B. 1 cube plus 8 cubes

C. 2 cubes plus 6 cubes

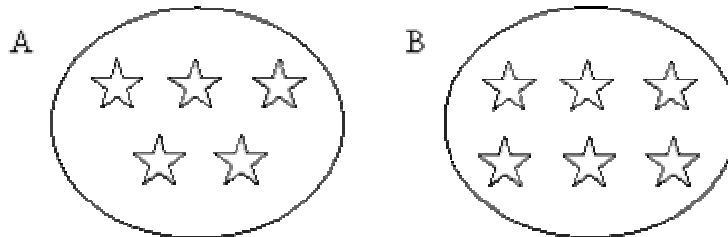
5. Which number fact makes 8?

A. $7 + 2$

B. $3 + 4$

C. $4 + 4$

6. Which of these groups of stars has more stars in it?



A. Group A

B. Group B

7. Amanda looked at the night sky. She saw 12 stars. Then she saw 7 more. What number sentence shows how she counted the total number of stars she saw?

A. $12 - 7 = 5$

B. $12 + 7 = 5$

C. $12 + 7 = 19$

8. Amanda had 12 crayons. Then Paul gave her 7 more. Use counters to show how you would solve this problem. Then circle your answer.

A. 5

B. 12

C. 19

9. Since $3 + 6 = 9$, then which subtraction is also correct?

A. $3 - 6 = 9$

B. $6 - 3 = 9$

C. $9 - 3 = 6$

10. Solve this problem using counters or a drawing:

8 birds were sitting in a tree. 3 flew away. How many were left?

Which number sentence shows how you could check your answer to this problem?

A. $8 + 3 = 11$

B. $5 + 3 = 8$

11. What is the unknown number in $? + 2 = 7$

A. 9

B. 7

C. 5

12. What is the unknown number in $10 - ? = 6$

- A. 4
- B. 6
- C. 16

13. Add $22 + 5$ without using a calculator or fingers.

- A. 25
- B. 27
- C. 29

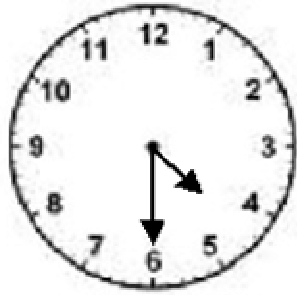
14. Melissa had 22 stones. Her mother gave her 30 more stones. How many did she have altogether? Solve this in your head, without using a calculator or counters.

- A. 25
- B. 32
- C. 52

15. Subtract $16 - 6$ without using a calculator or fingers.

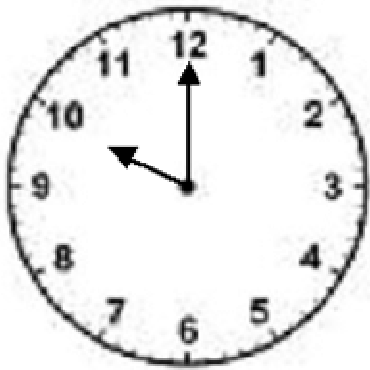
- A. 12
- B. 10
- C. 6

16. Look at the clock and tell what time it is.



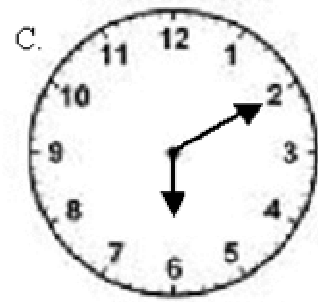
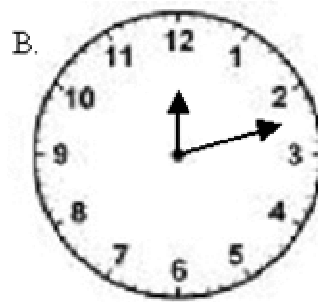
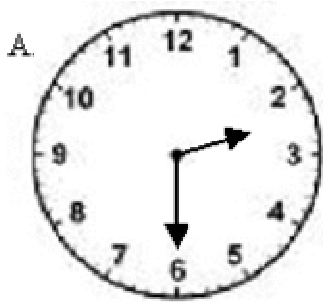
- A. 4:06
- B. 4:30
- C. 6:20

17. What time is it?



- A. 2 o'clock
- B. 10 o'clock
- C. 12 o'clock

18. Which clock reads 2:30?

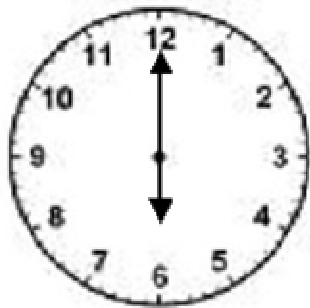


A. A

B. B

C. C

19. What time is it?



A. 12:00

B. 12:30

C. 6:00

20. Mike had 2 quarters in his pocket. He traded his 2 quarters with his friend Pam. They made an even trade. Mike got:

A. 25 pennies

B. 6 nickels

C. 5 dimes

21. 10 dimes are equal to:

A. 2 quarters

B. \$1.00

C. 10 cents

22. 1 dime is equal to:

A. 1 nickel

B. 3 nickels

C. 1 nickel and 5 pennies

23. How much money is this?



A. 30 cents

B. 35 cents

C. 40 cents

24. How much money is this?



- A. 5 cents
- B. 28 cents
- C. 53 cents

25. Jack had 50 cents. He lost 2 dimes. How much money does he have left?

- A. 48 cents
- B. 30 cents
- C. 20 cents

26. I bought candy for 20 cents and gum for 15 cents. How much money did I spend?

- A. 5 cents
- B. 35 cents
- C. 30 cents

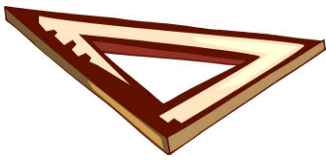
27. Jane found 3 dimes and 1 nickel in her pocket. How much money did she have?
- A. 4 cents
 - B. 30 cents
 - C. 35 cents
28. In September of first grade, Katie was 48 inches tall. In September of second grade, Katie was 51 inches tall. How many inches did Katie grow, from first grade to second grade?
- A. 1 inch
 - B. 3 inches
 - C. 7 inches
29. Art class starts at 10:00 and ends at 12:00. How long is art class?
- A. 1 hour
 - B. 2 hours
 - C. 3 hours
30. John had 15 cents. He bought candy for 10 cents. How much money does he have left?
- A. 5 cents
 - B. 10 cents
 - C. 25 cents

31. Stop signs have the shape of an octagon. How many sides do these signs have?



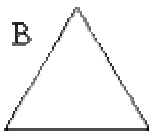
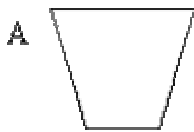
- A. 6 sides
- B. 8 sides
- C. 12 sides

32. What shape is the tool below?



- A. A square
- B. A rectangle
- C. A triangle

33. Which shape is the rectangle?



- A. A
- B. B
- C. C

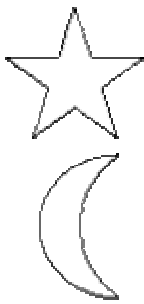
34. What is the shape of a penny or dime?

- A. A circle
- B. A square
- C. An oval

35. Draw a square. How many sides does a square have?

- A. Three
- B. Four
- C. Five

36. Look at where the star and moon are located. Then choose which is correct.



- A. The moon is BEHIND the star.
- B. The moon is BELOW the star.
- C. The moon is ABOVE the star.




37. Look at where the cat and toys are located. Then choose which is correct.



- A. The toys are to the right of the cat.
- B. The toys are to the left of the cat.
- C. The toys are above the cat.

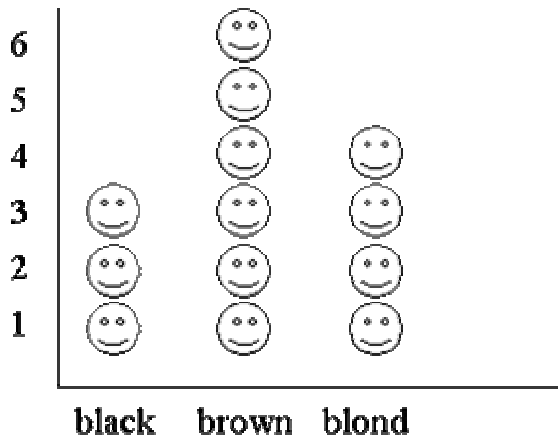
38. Jim likes to draw. He made a pattern. What would come next in his pattern?



- A. 
- B. 
- C. 

39. Look at the pictograph. What hair color did most children in Mrs. Moss' class have?

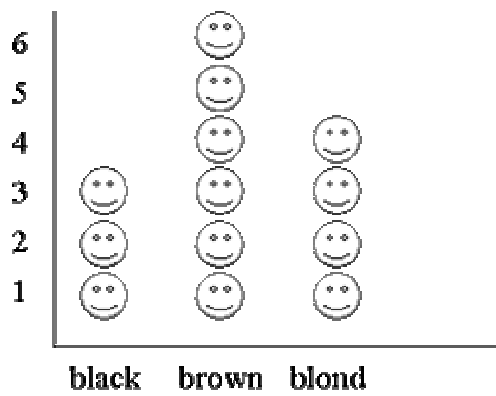
Hair Color in Mrs. Moss' Class



- A. black
- B. brown
- C. blond

40. Look at the pictograph. How many children in Mrs. Moss' class have black hair?

Hair Color in Mrs. Moss' Class

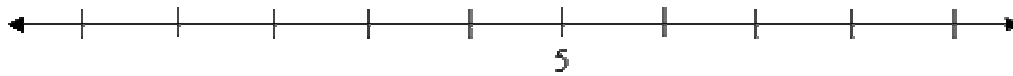


- A. 3
- B. 4
- C. 6

Open-Ended Questions

Provide your answer in the space provided.

1. This number line shows only the number 5. Write the number 6 where it is supposed to be.



2. What number is 1 LESS than 56?
3. Show how you can make 24 using tens and ones. You can use counters or base ten blocks, or you can make a drawing.
4. Write 5 different number facts that equal 9 such as $2 + 7$.

5. Show how you would solve this problem using counters:

Steven had 7 toy cars. He wanted 13. How many more toy cars would Steven need to have 13 altogether?

Then choose two math sentences that could show how to solve this.

A. $7 + 6 = 13$

B. $13 - 7 = 6$

C. $7 + 13 = 20$

D. $7 - 13 = 6$

6. Solve the following problems without a calculator and without using counters or your fingers.

$4 + 3$ _____

$2 + 8$ _____

$5 + 3$ _____

$7 + 2$ _____

$9 + 3$ _____

$6 + 6$ _____

$7 + 8$ _____

$10 + 6$ _____

7. Solve the following problems without a calculator and without using counters or your fingers.

$4 - 3$ _____

$7 - 4$ _____

$9 - 5$ _____

$6 - 6$ _____

$17 - 8$ _____

$12 - 6$ _____

8. Add $3 + 5 + 2$ Write your answer here: _____

9. Solve the following problems using number facts and counting strategies.

$15 + 10$ _____

$3 + 22$ _____

$18 - 12$ _____

$20 - 14$ _____

$17 + 12$ _____

$9 + 13$ _____

10. Teacher direction: Ask students to count out various amounts of money using real or play coins and bills, such as 36 cents or \$8. Do not use mixed amounts, such as \$3.45.