IQ School
Primary 4 ES

Maths
Semester Assessment 1 - December 2021

Name: ( )	Class:	Date:
Parent's Signature:	Marks: / 45	Total: %

Section A. Multiple Choice Questions
Choose the most suitable answer and write its number (a, b, c or d) in the brackets.

1. What is the value of the digit 8 in 15 842 ?

   a. 80 b. 800
   c. 8000 d. 80 000 ( )

2. What is the missing number?
   8 ten thousands + 5 tens + 7 ones = _____

   a. 857 b. 8057
   c. 80057 d. 80507 ( )

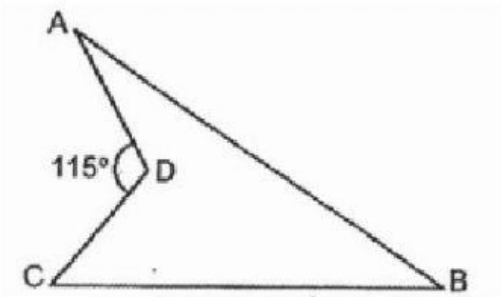
3. What is the product of 21 and 16?

   a. 336 b. 426
   c. 254 d. 386 ( )

4. What is the quotient when 923 is divided by 5?

   a. 3 b. 184
   c. 184 R3 d. 4615 ( )

5. Name the angle that is marked 115°?



   a. ∠ABC b. ∠ACB
   c. ∠ADB d. ∠ADC ( )

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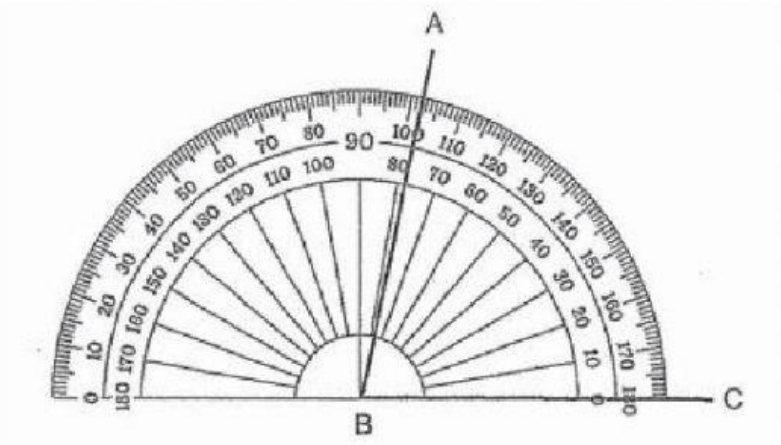
6. Which of the following is not a common factor of 12 and 18?

a. 2 b. 3
c. 4 d. 6 ( )

7. What is the size of ∠ABC??



a. 78° b. 82°
c. 102° d. 118° ( )

8. Caili had 30 stamps. She gave her sister $\frac{2}{5}$ of the stamps.
How many stamps did she have left?

a. 10 b. 12
c. 15 d. 18 ( )

9. Express $2\frac{3}{7}$ as an improper fraction?

a. $\frac{13}{7}$ b. $\frac{17}{7}$

c. $\frac{14}{7}$ d. $\frac{19}{7}$ ( )

10. Round off 42 876 to the nearest thousand.

a. 42870 b. 42800
c. 40000 d. 43000 ( )

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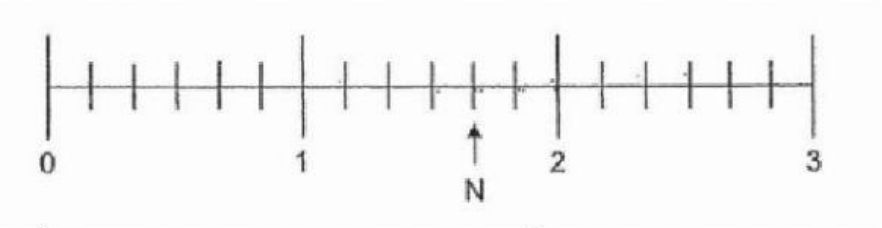
11. Which of the following mixed numbers is represented by the letter N in the number line shown?



a. $1\frac{4}{5}$ b. $1\frac{3}{4}$

c. $1\frac{2}{3}$ d. $1\frac{1}{2}$ ( )

12. What is the best estimate for 298 x 19?

a. 200 x 10 b. 200 x 20
c. 300 x 10 d. 300 x 20 ( )

13. Mr Lim bought 56 boxes of oranges. Each box contained 24 oranges. How many oranges did he buy in all?

a. 1344 b. 1365
c. 1434 d. 1486 ( )

14. Henry is facing east. He made a turn in an anticlockwise direction and is now facing south. How many *right angles* did he turn?

a. 1 b. 2
c. 3 d. 4 ( )

15. Charlie has 4 times as many stickers as Betty. If Charlie has 684 more stickers than Betty, how many stickers do they have altogether?

a. 1140 b. 171
c. 2736 d. 228 ( )

LIVEWORKSHEETS

Section B. Short -Answer Questions
Write your answers in the space provided.

16. a. Write 65012 in words.

Ans: _____

b. Write twenty thousand, four hundred and eight in numerals.

Ans: _____

17. Form the greatest 5-digit even number with all the given digits.

6	3	8	5	1

Ans: _____

18. What is the missing number in the following pattern?

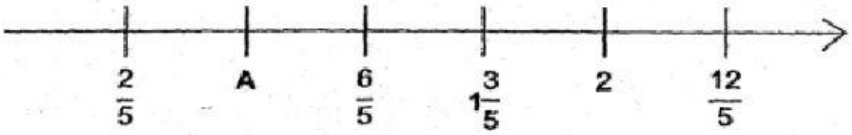
28465, 29465, 30465, 31465, _____, 33465

Ans: _____

19. Write $\frac{32}{5}$ as a mixed number in its simplest form.

Ans: _____

20. Find the value of A in the number line below.



Ans: _____

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21. List all the factors of 20.

Ans: _____

22. Arrange the following numbers in ascending order.

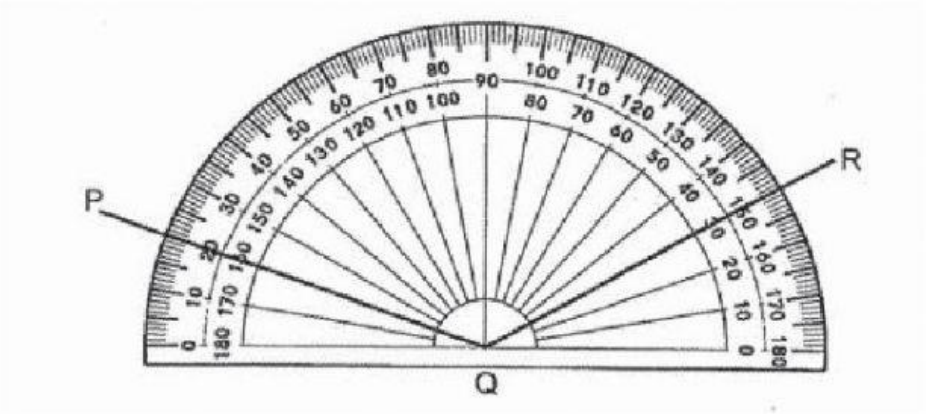
31456 13486 31654 13846

Ans: _____, _____, _____, _____

23. Shade $\frac{2}{3}$ of the stars.
How many stars are shaded?

Ans: _____

24. What is the size of ∠PQR?



Ans: _____

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25. What is the sum of the 2nd multiple and the 4th multiple of 8?

Ans: _____

26. Josh was facing East at first. He then made a $\frac{1}{4}$-turn in the anticlockwise direction. Which direction is Josh facing now?

Ans: _____

27. Each letter in the following sum represents a digit. Find the digits that are represented by these letters.

	A	5	A	
+	B	B	4	
1	5	2	2	

Ans: A = _____

B = _____

28. A pattern is formed using digits 0 and 1.
The first 20 digits are shown below.

1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0

What is the sum of the first 35 digits?

Ans: _____

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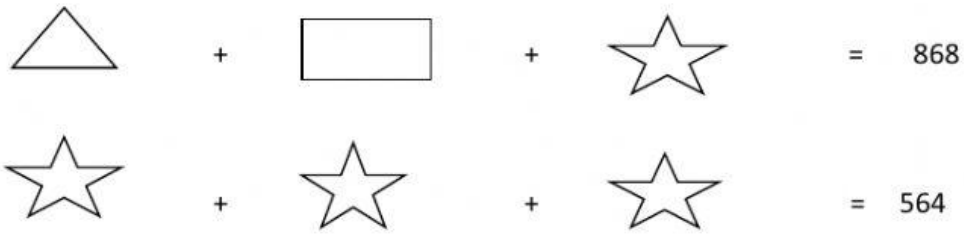
29.



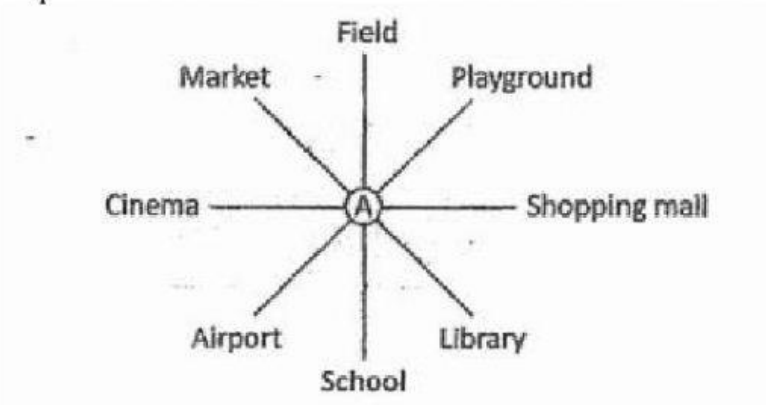
a. Find the value of

Ans: _____

b. Find the value of the sum

Ans: _____

30. Adrian is standing at Point A and facing the library.
He makes a $\frac{3}{4}$ turn anti-clockwise. Where is Adrian facing now?



Ans: _____

31. Abel has $180 more than Bob. Calvin has twice as much as Bob.
The three children have a total amount of $1140. How much does Bob have?

Ans: _____

LIVEWORKSHEETS

32. Bala bought a pizza. He ate $\frac{3}{10}$ of the pizza and gave $\frac{3}{5}$ of the same pizza to his brother. What fraction of the pizza did he have left?

Ans: _____

33. In a class, there are 12 girls and 16 boys. $\frac{1}{4}$ of the pupils wear spectacles.
How many pupils in the class do not wear spectacles?

Ans: _____

34. There are 160 rows of chairs in the school hall. Each row has 24 chairs. How many chairs are there altogether?

Ans: _____

35. Sharon spent $1560. She spent 3 times as much as Linda.
How much did they spend altogether?

Ans: _____

36. Lily had 20 boxes of crayons. There were 12 crayons in each box. She repacked the crayons equally into bags of 8. How many bags of crayons did she have after repacking the crayons?

Ans: _____

LIVEWORKSHEETS

37. Sam and Paul have 540 marbles altogether.
Sam has 5 times as many marbles as Paul.
How many more marbles does Sam have than Paul?

Ans: _____

38. Bella has some stickers. The number of stickers is between 15 and 35. If she packs her stickers into bags of 5, there will be no stickers left. If she packs her stickers into bags of 4, there are 2 stickers left. How many stickers does Bella have?

Ans: _____

39. 1180 people attended a concert in the park. There were 80 more children than adults. The number of girls was 6 times the number of boys.

a. How many adults were at the concert?

Ans: _____

b. How many boys were at the concert?

Ans: _____

40. Alice and Daniel had a total of 426 sweets. After Alice bought 28 more sweets and Daniel gave away 50 sweets, they had the same number of sweets left.
How many sweets did each of them have at first?

Ans: Alice = _____

Daniel = _____

****** End of Paper ******

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