## Tài liệu ôn thi vào lớp 6 Trần Đại Nghĩa

Name: $\qquad$

## Choose the best answer

1. The graph below shows the number of soccer goals each player scored over a season. How many goals did the players score combined?

a. 16
a. 17
b. 24
c. 28
2. What number expression shows the total number of centimeters the rose and sunflower grew combined?

a. $3+2$
b. $3+4$
c. 3-2
d. 4-3
3. What is the name of the solid figure below?

a. cube
b. cone
c. sphere
d. cylinder
4. Which best names the shape shown below?

a.Octagon
b.Parallelogram
c.Pentagon
d.Hexagon
5. Which shows the numbers in order from greatest to least?
a. $560,213,355,419$
b. $213,355,419,560$
c. $560,419,355,213$
6. A trapezoid has how many vertices?
a. 3
b. 2
c. 0
d. 4
e. 1
7. Santa has 50 gifts in his bag. After he delivers some of the gifts, there are 16 gifts left in the bag. Which number sentence can be used to find the number of gifts Santa delivered?

a. $\quad 50-16=34$
b. $\quad 50-16=44$
c. $\quad 50+16=56$
d. $\quad 50+16=66$
8. Cody and his family go camping for 10 days. Their trip starts on June 25. On which date does their trip end?

a. June 15
b. July 4
c. July 5
d. July 25
9. Margo is skip-counting by 5 s . If she starts at 120 , what are the next three numbers?
a. $121,122,123$
b. $122,124,126$
c. $125,130,135$
d. $130,140,150$
10. Which shows an odd number of carrots?
a.

b.

c.
11. Look at the two shapes. Which of the following is NOT true?

a.They are congruent.
b.They are both triangles.
c. They have the same number of sides.
d.They have the same number of angles.
12. Steven, Jr. turned 16 on his birthday in August. La'Marquisha will be one year older than 13 this

Saturday, November 15. Choose the correct spelling for the numbers located in each sentence.
a. sixteen, thirty, fifteen
c. sixteen, thirteen,
d. sixty, thirty, fifty
b. sixty, thirteen, fifty fifteen
13. Use the cubes to write the number.


How many Hundreds? $\qquad$
How many Tens? $\qquad$
How many Ones? $\qquad$
How many Cubes? $\qquad$
14. Ms. Watson is making stockings to sell at a craft fair. She makes 29 stockings on Thursday and 12 stockings on Friday. Saturday she goes to the craft fair and sells 10 of the stockings. Which number sentence shows the number of stockings Ms. Watson has left?
a. 29-12-10=7
b. 29-12+10=27
c. $29+12-10=31$
d. $29+12+10=51$
15. Which number sentence is less than 20 ?
a. $8+6+4+4$
b. $9+3+7+5$
c. $8+4+2+5$
d. $6+5+9+1$
16. Which combination makes 39 cents?
a. 8 nickels
b. 7 nickels, 4 pennies
c. 7 nickels, 5 pennies
d. 1 quarter, 2 dimes
17. Jack paid $\$ 0.25$ for one pencil, $\$ 0.50$ for two pencils, and $\$ 0.75$ for three pencils. How much would Jack pay for four pencils?
a. 40.79
b. $\$ 1.00$
c. $\$ 1.05$
d. $\$ 1.50$
18. A handbell choir has a set of 25 handbells. The choir director buys 12 new handbells so more people can play in the choir. Which number sentence shows the new total of the handbells?

a. $25+12=27$
b. $25+12=37$
c. $25-12=13$
d. $\quad 25-12=17$
19. If the ice cream man needs 75 cents, how many quarters would you need to pay?
a. 1
b. 2
c. 3
20. The faces on a cylinder are shaped like
a. squares
b. triangles
c. circles
d. rectangles
21.What number is between?

634
678
a.
633
b. 679
c. 645
d. 435
22. The number of scrolls is $\qquad$ the number of dreidels.

a.a. less than
b. more than
c. the same as
23. Ashley has 92 erasers. Some of them were stolen and now she has just 53 . How many erasers were stolen?
a. 39
b. 145
c. 49
24. Which number would make the following statement true? 457 > $\qquad$ > 345
a. 467
b. 420
c. 324
d. 534
25. Which of the choices represents seven hundred fifty-three in expanded form?
a. 753
b. 7,053
c. $700+50+3$
d. $700+53$
26. In 962,the digit 6 is in $\qquad$ place
a. Tens
b. Hundreds
c. Ones
d. Fives
27. Which two shapes have 4 corners?
a. triangle and rectangle
b. square and pentagon
c. rectangle and square
28. Which is correct?
a. $678<634$
b. $\quad 534>654$
29. What type of equal parts does the picture show?
c. $342<442$
d. $234>334$

a. halves
b. thirds c .
fourths
30. Which plant grew 4 centimeters?

Plant Height

a. Rose
b. Marigold
c. Sunflower
d. Daylily
31. Which plant grew the most?

32. 2
a. 254
b. 452
a. Rose
b. Marigold
c. Sunflower
d. Daylily
hundreds, 5 tens, 4 ones
33. What is a different way to show 516 ?
a. $500+10+6$
b. $\quad 50016$
c. $5+1+6$
34. In which place value is the number 5 in the number 785 ?
a. In the tens
b. In the hundreds
c. In the ones

35 . What is the value of the 2 in 3246
a. two hundred
b. twenty
c. two
d. two thousand
36. Kayla has 47 animals total. She has 12 dogs, 6 cats, 20 hamsters, and the rest are fish. How many fish does Kayla have?
a. 8
b. 4
c. 6
d. 7
e. 9
f. 10
g. 5
h. 1
37.How many goals did Jason score?
a. 4
b. 5
c. 6
d. 7

38.Jacob has 50 pencils. His friend has 23 pencils. His other friend has 40 pencils. How many pencils do they have in all?
a. $\quad 100$
b. $\quad 90$
c. 60
d. $\quad 113$
39. Mr. Tucker is buying hot dogs and hamburgers for his family. A hot dog costs $\$ 1.00$ and a hamburger costs $\$ 2.00$. He buys the number of hot dogs and hamburgers shown.


How much money does Mr. Tucker have to pay for the hot dogs and hamburgers? $\qquad$
40. What is another way to write 3458 ?
a. $300+45+8$
b. $3000+400+50+8$
c. $300+400+500+80$
d. $300+40+58$
$41.7+18=$ $\qquad$ $+20$
a. 45
b. $\quad 35$
c. 5
42.What is the greatest 3 -digit number that can be written using the numbers 3,8 and 5 ?
a. 385
b. 835
C. 853
d. $\quad 583$
43. Misty loves to read. She has the following types of books on her bookshelf:

14 mystery books
5 comic books
26 nonfiction books
How many books are on Misty's bookshelf? $\qquad$
44. Which would be the best estimate for the width for a computer screen?
a. 16 inches
b. $\quad 16$ feet
C. 16 yards
45. Mrs. Leung's art students are making decorations for the Christmas. The number of each type of decoration made is shown below.
46.


Answer the questions about the number of decorations made by the students.
a) Circle the decoration the students made the most of.

b) Circle the decoration the students made the least of.

c) How many more

than
 did the students make?
d) How many fewer
 than
 did the children make?
e) How many total decorations did the children make? $\qquad$
46. Emma's book shelf is about 3 meters long. About how many centimeters long is the book shelf?
a. 3 centimeters
b. 30 centimeters
c. 300 centimeters
47. Choose the answer that best explains the number 567:
a. 5 hundreds and 67 ones
b. $\quad 5$ tens and 7 ones
c. $\quad 5$ hundreds and 6 ones
d. $\quad 5$ hundreds, 6 tens, and 7 ones
48. Circle the shape(s) with one-third filled.

49. Circle the number equals to 17 tens and 7 ones.
a. 17
b. $\quad 177$
c. 107
d. 1777
50. Which place value has 0 in 3,905 ?
a. ones
b. tens
c. hundreds
d. thousands
51. At the bowling alley, there are 32 bowling balls. Of these, 8 are blue, 5 are pink, 6 are red, and the rest are black. How many of the bowling balls are black? $\qquad$
52. Rick has 36 baseball cards and 14 football cards. Beth has 20 baseball cards. How many cards does Rick have altogether? $\qquad$
53. Circle the number three hundred four.
a.
30,004
b. 3,004
c. 304
d. 34
54.Circle the two shapes with equally shaded parts.

55. Which number has 7 in the tens place and 2 in the ones place?
a. 278
b. 872
c. 782

## Vocabulary:

Graph: biểu đồ
Combine: kết hợp
Expression= statement
phát biểu, biểu thức
Total : tổng số
Solid: khối hình
Figure: hình dáng
Cube: hình lập phương
Cone: hình nón
Sphere: hình cầu
Cylinder: hình trụ
Vertex: đỉnh => vertices:
các đỉnh
Congruent: đồng dạng ( cùng giống nhau nhưng kích thước bị thu nhỏ)

Estimate: ước lượng
Decoration: vật trang trí
Shaded part: phần bị tô màu

Tens place: hàng chục
Ones place = unit place: hàng đơn vi

Perimeter: chu vi
Rectangle: hình chữ nhật
Square: hình vuông
Circle: hình tròn
Parallelogram: hình bình hành
Rhombus: hình thoi
Length: chiều dài:
Width: chiều rộng
Select: chọn
Round: làm tròn
Fraction: phân số
Numerator: tử số
Denominator: mẫu số
Area: diện tích

Multiply: nhân
Divide: chia
Add/ plus: cộng
Minus/ subtract: trừ
Equation: phương trình
Equal: bằng
Even; số chã̃n
Odd: số lẻ
Numeric: số
Digit: chữ số

