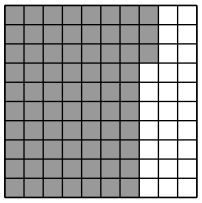
1.4 Learning Goal - Percents Practice Test

Name: _____ **Date:** _____

1. 

Which percent names the amount of the grid that is shaded?

A. 6.3% B. 7.3%

C. 63% D. 73%

2. What is $\frac{3}{5}$ written as a percent?

A. 15% B. 30% C. 45% D. 60%

3. Which percent is equivalent to the fraction $\frac{3}{8}$?

A. 0.375% B. 37.5%

C. 62.5% D. 0.625%

4. Last year $\frac{7}{16}$ of all students at a school participated in the science fair. About what percentage of the students participated?

A. 18% B. 23% C. 44% D. 56%

5. .89 is what percent?

A. .89% B. 8.9%

C. 89% D. 890%

6. Sandra conducted a survey. She found that 28% of drivers turn on their headlights when driving during the day. Which fraction is equivalent to 28%?

A. $\frac{1}{28}$ B. $\frac{2}{8}$ C. $\frac{7}{25}$ D. $\frac{18}{25}$

7. **The table below shows the number of people who saw a movie at the Ritz Theater last week. Use this table to answer the following question.**

RITZ THEATER ATTENDANCE

Day	People
Sunday	294
Monday	200
Tuesday	187
Wednesday	218
Thursday	245
Friday	300
Saturday	326

The movie theater has 400 seats. How much of the theater was full on Friday?

A. about 50%

B. between 50% and 75%

C. 75%

D. 100%

8. The table below shows the number of points that each player on a basketball team scored in his last game.

Points Scored

Player	Number of Points Scored
Alex	9
Doug	12
Nick	15
Keith	5
Sam	4

What percent of the total number of points did Alex score?

A. 9% B. 20% C. 25% D. 45%

9. The chart below shows basketball shots attempted and made by four players on a team.

Basketball Shots

Name	Shots Attempted	Shots Made
Kenzo	10	6
Chris	12	7
Kyle	5	4
Ramon	12	3

Which of the following lists the players in order from the *highest* to the *lowest* percentage of shots made out of shots attempted?

A. Kyle, Kenzo, Chris, Ramon

B. Chris, Kenzo, Kyle, Ramon

C. Chris, Kyle, Kenzo, Ramon

D. Kyle, Chris, Kenzo, Ramon

10. There are a total of 500 students at Lincoln Middle School. The table below shows the number of students who are members of 0, 1, 2, 3, or 4 clubs.

Members of Student Clubs

Number of Clubs (*n*)	Number of Students Who Are Members of *n* Clubs
0	300
1	110
2	60
3	20
4	10

Based on the table, what percent of the 500 students are members of 2 or more clubs?

A. 12% B. 18% C. 90% D. 94%

11. Some classmates compared their scores on a recent math test.

- Molly answered 15 out of every 20 questions correctly.
- Brittany answered 7 out of every 8 questions correctly.
- Desiree answered 7 out of every 10 questions correctly.
- Nick answered 4 out of every 5 questions correctly.

Which student answered more than 80% of the questions correctly?

A. Molly B. Brittany

C. Desiree D. Nick

12. George finished 10 of the 25 math problems. What percent of the problems did George finish?

A. $\frac{10}{25}$% B. 10% C. 40% D. 35%

13. Karin was practicing her free throws. During one practice period she made 48 baskets and missed 12. What percent of the total shots did she make?

A. 0.80% B. 20%

C. 75% D. 80%

14. There were 48 questions on Zach's last mathematics test. He answered 5 of the 48 questions incorrectly.

Which of the following is closest to the percent of questions Zach answered *correctly* on that test?

A. 50% B. 55% C. 90% D. 95%

15. There are 30 students in Mr. Kendel's biology class and 12 of them are boys. Half of the boys in the class play on the boys basketball team. What percent of Mr. Kendel's class play on the boys basketball team?

A. 6% B. 20% C. 40% D. 50%

16. What is 40% of 250?

A. 50 B. 100 C. 150 D. 200

17. What is 60% of 30?

A. 1.8 B. 18

C. 180 D. 1800

18. Dwayne answered 80% of the questions on a quiz correctly. If he answered 40 questions correctly, what was the total number of questions on Dwayne's quiz?

A. 32 B. 50 C. 60 D. 120

19. There are 360 tickets available for the 8th-grade dance. The class sold 95% of the tickets in advance. How many tickets were *not* sold in advance?

A. 18 B. 34 C. 180 D. 342

20. Ben wrestles for his school team and wants to increase his weight by 10%. His current weight is 140 pounds. How much weight does Ben want to gain?

A. 0.10 pound B. 1.4 pounds

C. 10 pounds D. 14 pounds

21. The Amazon basin has received 23 inches of rain so far this year. This amount is 25% of the average yearly rainfall.

What is the average yearly rainfall in the Amazon basin?

A. 46 inches B. 48 inches

C. 69 inches D. 92 inches

22. 40% of what number is 120?

A. 300 B. 1200

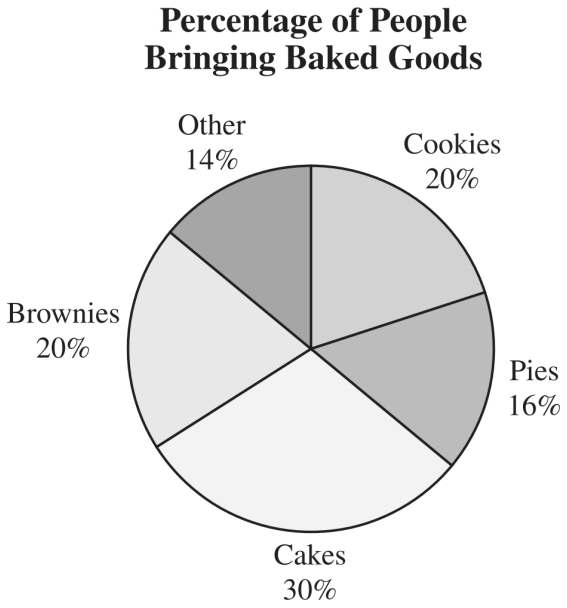
C. 480 D. 48

23. The number 18 is 24% of which number?

A. 4.32 B. 75

C. $133\frac{1}{3}$ D. 432

24. The circle graph below shows the percentages of people who brought each type of baked good to sell at a recent bake sale.



If 15 people brought cakes to sell, what is the total number of people who brought baked goods to sell at the bake sale?

A. 45 B. 50 C. 70 D. 75

25. There are 6 gallons of gas in a tank that is 20% full. How many gallons of gas are in a full tank?

A. 12 gallons B. 14 gallons

C. 24 gallons D. 30 gallons

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1.4 Learning Goal - Percents Practice Test 8/19/2018

1.
Answer: D

2.
Answer: D

3.
Answer: B

4.
Answer: C

5.
Answer: C

6.
Answer: C

7.
Answer: C

8.
Answer: B

9.
Answer: A

10.
Answer: B

11.
Answer: B

12.
Answer: C

13.
Answer: D

14.
Answer: C

15.
Answer: B

16.
Answer: B

17.
Answer: B

18.
Answer: B

19.
Answer: A

20.
Answer: D

21.
Answer: D

22.
Answer: A

23.
Answer: B

24.
Answer: B

25.
Answer: D