

Question 1 of 35

Directions: Convert the improper fraction to a mixed number.

1. $\frac{11}{9}$ is equal to ___?

A. $1\frac{2}{9}$

B. $1\frac{1}{2}$

C. $1\frac{9}{11}$

D. $\frac{2}{9}$

Question 2 of 35

Directions: Solve.

2. Gwen needs 83 feet of rope. She already has 45 feet. How many more feet of rope does she need?

A. 38

B. 45

C. 48

D. 128

Question 3 of 35

Directions: Divide.

3. $464 \div 8 = \underline{\quad ? \quad}$

- A. 48
- B. 50
- C. 56
- D. 58

Question 4 of 35

Directions: Multiply.

4. $\frac{1}{6} \times \frac{5}{6} = \underline{\quad ? \quad}$

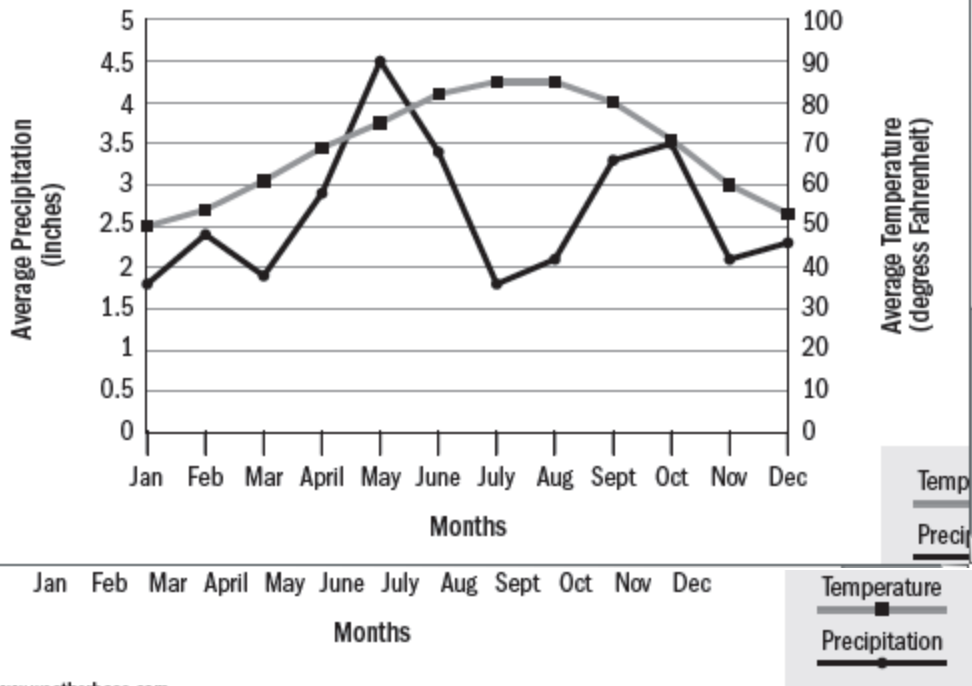
- A. $\frac{6}{6}$
- B. $\frac{6}{36}$
- C. $\frac{5}{6}$
- D. $\frac{5}{36}$

Question 5 of 35

Directions: Use the graph below to answer the question that follows.

5.

Average Yearly Weather for Austin, TX



Source: www.weatherbase.com

What is the average temperature for Austin during the month of May?

- 45 degrees
- 69 degrees
- 70 degrees
- 75 degrees

Question 6 of 35

Directions: Subtract.

6. $213 - 57 = \underline{\quad ? \quad}$

- A. 146
- B. 156
- C. 166
- D. 256

Question 7 of 35

Directions: Solve.

7. $(\$220 + \$28) \div 4 = \underline{\quad ? \quad}$

- A. 26
- B. 62
- C. 602
- D. 620

Question 8 of 35

Directions: Choose the best symbol to compare the two quantities.

8. $123 \div 3$? 8×4

- A. $>$
- B. $<$
- C. $=$
- D. \leq

Question 9 of 35

Directions: Describe the shaded area as a fraction of the whole circle.



- A. $\frac{4}{7}$
- B. $\frac{3}{7}$
- C. $\frac{4}{3}$
- D. $\frac{7}{4}$

Question 10 of 35

Directions: Multiply.

10. $413 \times 12 = \underline{\quad ? \quad}$

- A. 12,390
- B. 9,086
- C. 4,956
- D. 1,239

Question 11 of 35

Directions: Divide.

11. $57 \div 4 = \underline{\quad ? \quad}$

- A. 11 remainder 3
- B. 14 remainder 1
- C. 14 remainder 2
- D. 16 remainder 1

Question 12 of 35

Directions: Compare.

12. $34 - 8$? $17 + 9$

- A. $>$
- B. $<$
- C. $=$
- D. \neq

Question 13 of 35

Directions: Add.

13. $\frac{2}{5} + \frac{2}{5} =$?

- A. $\frac{4}{5}$
- B. $\frac{2}{10}$
- C. $\frac{4}{25}$
- D. $\frac{2}{10}$

Question 14 of 35

Directions: Solve.

14. Assume all sides of this figure are the same length. If the length of one side is 5 inches, how many inches is the perimeter?



- A. 11 inches
- B. 30 inches
- C. 35 inches
- D. 40 inches

Question 16 of 35

Directions: Choose the correct symbol.

16. $43 \underline{\quad ? \quad} 34$

- A. $>$
- B. $<$
- C. $=$
- D. \leq

Question 17 of 35

Directions: Divide.

17. $232 \div 5 = \underline{\quad ? \quad}$

- A. 46 remainder 2
- B. 46 remainder 3
- C. 460 remainder 1
- D. 466 remainder 0

Question 18 of 35

Directions: Solve.

18. Ryan runs a 4 mile trail each time he exercises. Ryan exercises 26 days in October. How many miles does Ryan run in October?

- A. 84
- B. 94
- C. 104
- D. 124

Question 19 of 35

Directions: Solve.

19. Reduce the fraction $\frac{7}{35}$ to its lowest terms.

- A. $\frac{1}{5}$
- B. $\frac{1}{7}$
- C. $\frac{5}{1}$
- D. $\frac{2}{5}$

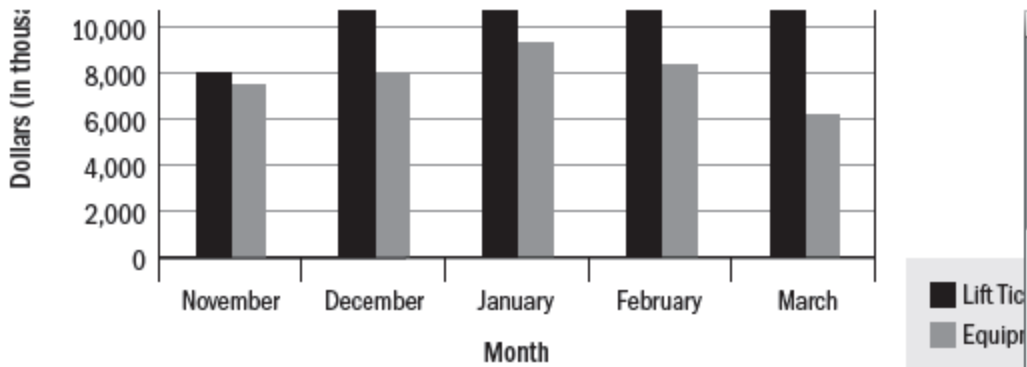
Question 20 of 35

Directions: Multiply.

20. $735 \times 6 = \underline{\quad ? \quad}$

- A. 441
- B. 4,410
- C. 4,280
- D. 6,060

Question 21 of 35



Which month had exactly \$8,400 in equipment rentals?

- December
- January
- February
- March

Question 22 of 35

Directions: Add.

22. $\frac{3}{8} + \frac{2}{8} = \underline{\quad?}$

- A. $\frac{5}{16}$
- B. $\frac{5}{8}$
- C. $\frac{6}{64}$
- D. $\frac{1}{8}$

Question 23 of 35

Directions: Solve.

23. $63 \div 7 - 4 = \underline{\quad ? \quad}$

- A. 3
- B. 5
- C. 9
- D. 21

Question 24 of 35

Directions: Solve.

24. A restaurant has 27 tables and each table seats 4 people. How many people can eat at the restaurant if all the tables were filled?

- A. 27
- B. 88
- C. 98
- D. 108

Question 25 of 35

Directions: Solve.

25. Reduce the fraction $\frac{6}{9}$ to its lowest terms.

- A. $\frac{1}{3}$
- B. $\frac{3}{2}$
- C. $\frac{3}{1}$
- D. $\frac{2}{3}$

Question 26 of 35

Directions: Compare.

26. $15 + 9$? $28 - 8$

- A. $>$
- B. $<$
- C. $=$
- D. \leq

Question 27 of 35

Directions: Solve.

27. Assume all sides of this figure are the same length. If the length of one side is 4 feet, how many feet is the perimeter?



- A. 9 feet
- B. 16 feet
- C. 20 feet
- D. 40 feet

Question 28 of 35

Directions: Divide.

28. $89 \div 4 = \underline{\quad ? \quad}$

- A. 22 remainder 1
- B. 22 remainder 2
- C. 23 remainder 1
- D. 23 remainder 2

Question 29 of 35

Directions: Choose the correct symbol.

29. $79 \underline{\quad ? \quad} 81$

- A. $>$
- B. $<$
- C. $=$
- D. \geq

Question 30 of 35

Directions: Describe the shaded area as a fraction of the whole circle.



- A. $\frac{8}{3}$
- B. $\frac{5}{8}$
- C. $\frac{3}{5}$
- D. $\frac{3}{8}$

Question 31 of 35

Directions: Solve.

31. A factory has 1,482 employees. They want to have small meetings with 26 employees at a time. How many meetings will the factory need to have?

- A. 51
- B. 57
- C. 507
- D. 38,532

Question 32 of 35

Directions: Choose the answer that makes the inequality true.

32. $134 < \underline{\quad ? \quad}$

- A. 128
- B. 133
- C. 134
- D. 143

Question 33 of 35

Directions: Solve.

33. It costs \$132 to rent a large storage space for 1 month. How much will it cost Pedro to rent the storage space for 3 months?

- A. \$135
- B. \$264
- C. \$396
- D. \$639

Question 34 of 35

Directions: Divide.

34. $48 \div 6 = \underline{\quad ? \quad}$

- A. 8
- B. 9
- C. 42
- D. 54

Question 35 of 35

Directions: Convert the fraction to a percent.

35. $\frac{5}{25}$ is equal to ___?

- A. 5%
- B. 20%
- C. 25%
- D. 30%

ANSWER KEY:

1	A	11	B	21.	C	31.	B
2	A	12	C	22	B	32.	D
3	D	13	A	23	B	33.	C
4	D	14	B	24	D	34.	A
5	D	15	B	25	D	35.	B
6	B	16	> (A)	26	A		
7	B	17	A	27	C		
8	A	18	C	28	A		
9	A	19	A	29	<		
10	C	20	B	30	D		