

Math 3 - 4th Quarter Multiple Choice Questions

1. How many minutes are there in 3 hours?
 - a) 120
 - b) 150
 - c) 180
 - d) 200

2. How many seconds are in 5 minutes?
 - a) 200
 - b) 300
 - c) 400
 - d) 500

3. Which is heavier?
 - a) 2 kg
 - b) 200 g
 - c) 1,500 g
 - d) 1 kg

4. Convert 5 meters to centimeters.
 - a) 500 cm
 - b) 50 cm
 - c) 5 cm
 - d) 5,000 cm

5. A liter is equal to how many milliliters?
 - a) 100

- b) 500
 - c) 1,000
 - d) 10,000
6. Convert 2.5 kg to grams.
- a) 2,500 g
 - b) 250 g
 - c) 25 g
 - d) 25,000 g
7. How many hours are there in 2 days?
- a) 12
 - b) 24
 - c) 36
 - d) 48
8. If a bottle holds 2 liters, how many milliliters does it contain?
- a) 200 mL
 - b) 2,000 mL
 - c) 20,000 mL
 - d) 200,000 mL
9. How many centimeters are in 3 meters?
- a) 30 cm
 - b) 300 cm
 - c) 3,000 cm
 - d) 3 cm

10. Which is the shortest length?

- a) 10 mm
- b) 1 cm
- c) 5 cm
- d) 100 mm

11. What is the area of a rectangle with a length of 5 cm and a width of 3 cm?

- a) 15 cm^2
- b) 8 cm^2
- c) 10 cm^2
- d) 20 cm^2

12. Find the area of a square with a side of 4 cm.

- a) 8 cm^2
- b) 12 cm^2
- c) 16 cm^2
- d) 20 cm^2

13. A garden is 7 meters long and 6 meters wide. What is its area?

- a) 13 m^2
- b) 42 m^2
- c) 21 m^2
- d) 50 m^2

14. A triangle has a base of 8 cm and a height of 5 cm. What is its area?

- a) 20 cm^2
- b) 30 cm^2

c) 40 cm^2

d) 50 cm^2

15. If a square has an area of 49 cm^2 , what is the length of one side?

a) 5 cm

b) 6 cm

c) 7 cm

d) 8 cm

16. A bar graph is used to represent:

a) Shapes

b) Numbers

c) Data

d) Letters

17. What does the x-axis of a bar graph usually represent?

a) Numbers

b) Categories

c) Amount

d) Colors

18. Which type of graph is best for showing parts of a whole?

a) Line graph

b) Bar graph

c) Pictograph

d) Pie chart

19. What does a pictograph use to show data?

a) Numbers

b) Pictures

c) Lines

d) Shapes

20. What is the purpose of a graph?

a) To confuse people

b) To display information visually

c) To create images

d) To write stories

21. If you flip a coin, what is the probability of landing on heads?

a) $\frac{1}{4}$

b) $\frac{1}{2}$

c) $\frac{3}{4}$

d) 1

22. What is the probability of rolling a 6 on a standard die?

a) $\frac{1}{2}$

b) $\frac{1}{6}$

c) $\frac{1}{3}$

d) $\frac{1}{4}$

23. If a spinner has four equal sections labeled A, B, C, and D, what is the probability of landing on B?

a) $\frac{1}{2}$

b) $\frac{1}{4}$

c) $\frac{1}{3}$

d) 1

24. If a bag contains 3 red balls and 2 blue balls, what is the probability of picking a red ball?

a) $\frac{1}{2}$

b) $\frac{3}{5}$

c) $\frac{2}{5}$

d) $\frac{1}{5}$

25. What is the probability of drawing a heart from a standard deck of 52 playing cards?

a) $\frac{1}{4}$

b) $\frac{1}{2}$

c) $\frac{1}{3}$

d) $\frac{1}{6}$

26. What is the area of a rectangle with length 8 cm and width 2 cm?

a) 8 cm^2

b) 10 cm^2

c) 16 cm^2

d) 20 cm^2

27. How many grams are there in 4.5 kilograms?

a) 4,500 g

b) 450 g

c) 45 g

d) 450,000 g

28. If 1 foot is equal to 12 inches, how many inches are in 4 feet?

a) 24 inches

b) 36 inches

c) 48 inches

d) 60 inches

29. What is the probability of rolling an even number on a six-sided die?

a) $\frac{1}{6}$

b) $\frac{1}{3}$

c) $\frac{1}{2}$

d) $\frac{2}{3}$

30. How many milliliters are there in 3.5 liters?

a) 350 mL

b) 3,500 mL

c) 35,000 mL

d) 350,000 mL

31. A triangle has a base of 10 cm and a height of 4 cm. What is its area?

a) 20 cm^2

b) 40 cm^2

c) 30 cm^2

d) 10 cm^2

32. A rectangle has a length of 12 cm and a width of 5 cm. What is its area?

a) 60 cm^2

b) 50 cm^2

c) 40 cm^2

d) 30 cm^2

33. What is the perimeter of a square with a side of 6 cm?

a) 24 cm

b) 18 cm

c) 12 cm

d) 36 cm

34. How many faces does a cube have?

a) 4

b) 6

- c) 8
 - d) 12
35. How many millimeters are in 10 centimeters?
- a) 10 mm
 - b) 100 mm
 - c) 1,000 mm
 - d) 10,000 mm
36. **What is the probability of rolling a number greater than 6 on a standard six-sided die?**
- A. Likely
 - B. Impossible
 - C. Certain
 - D. Unlikely
37. **If you randomly pick a card from a standard deck, what is the probability of getting a red card?**
- A. Likely
 - B. Unlikely
 - C. Impossible
 - D. Certain
38. **If you flip a coin, what is the probability that it lands on heads?**
- A. Likely
 - B. Mostly Likely
 - C. Certain
 - D. Unlikely
39. **What is the probability that the sun will rise tomorrow?**
- A. Certain
 - B. Likely
 - C. Impossible
 - D. Unlikely
40. **If you pick a marble from a bag with 5 blue marbles and 1 red marble, what is the probability of picking a red marble?**
- A. Likely
 - B. Impossible
 - C. Unlikely
 - D. Certain

- 41. What is the probability of picking a green apple from a basket that only contains bananas?**
- A. Likely
 - B. Impossible
 - C. Certain
 - D. Unlikely
- 42. If you roll a six-sided die, what is the probability of rolling a number less than 7?**
- A. Likely
 - B. Impossible
 - C. Certain
 - D. Unlikely
- 43. A bag contains 8 red balls and 2 blue balls. What is the probability of drawing a red ball?**
- A. Certain
 - B. Unlikely
 - C. Likely
 - D. Impossible
- 44. If a month is randomly selected, what is the probability that it will have 31 days?**
- A. Unlikely
 - B. Likely
 - C. Impossible
 - D. Certain
- 45. If you randomly pick a letter from the word "APPLE," what is the probability of picking the letter "Z"?**
- A. Impossible
 - B. Certain
 - C. Likely
 - D. Mostly Likely