

## YEAR 4 MATHEMATICS SELF ASSESSMENT TEST



**“Test yourself or your child at home, and reach out to us only if you need extra help. Otherwise, give yourself or your child a pat on the back and best of luck for the future!”**

**Instructions:** Answer all questions. All questions are multiple-choice. Some questions require calculations. Calculators may be used where appropriate.

**Section A: Number & Algebra**

1. What is  $1,245 + 2,367$ ?
- a) 3,502
  - b) 3,612
  - c) 3,622
  - d) 3,642
- 

2. What is  $4,028 - 1,759$ ?
- a) 2,269
  - b) 2,279
  - c) 2,269
  - d) 2,299
- 

3.  $12 \times 6 =$
- a) 62
  - b) 64
  - c) 72
  - d) 82
- 

4.  $72 \div 8 =$
- a) 7
  - b) 8
  - c) 9
  - d) 10
- 

5. Which number is the greatest?
- a) 3,498
  - b) 3,849
  - c) 3,984
  - d) 3,894
- 

6. Which is a multiple of 7?
- a) 42
  - b) 48
  - c) 54
  - d) 64
- 

7. Round 3,476 to the nearest hundred.
- a) 3,400
  - b) 3,470
  - c) 3,500
  - d) 3,600
- 

8. Which fraction is equal to  $\frac{3}{4}$ ?
- a)  $\frac{2}{3}$
  - b)  $\frac{4}{6}$
  - c)  $\frac{6}{8}$
  - d)  $\frac{8}{12}$
- 

9. What is  $\frac{2}{5}$  of 50?
- a) 15
  - b) 20
  - c) 25
  - d) 30
- 

10. Double 348 =
- a) 686
  - b) 696
  - c) 698
  - d) 708

---

11. Half of 1,248 =

- a) 614
- b) 624
- c) 634
- d) 644

---

12.  $25 \times 12 =$

- a) 250
- b) 275
- c) 300
- d) 350

---

13.  $96 \div 12 =$

- a) 6
- b) 7
- c) 8
- d) 9

---

14. Continue the pattern: 3, 6, 12, 24,

- \_\_\_\_, \_\_\_\_
- a) 30, 36
  - b) 36, 72
  - c) 48, 96
  - d) 12, 18

---

15. Which is a prime number?

- a) 21
- b) 23
- c) 25
- d) 27

---

16. Which is not divisible by 5?

- a) 105
- b) 210

- 
- c) 315
  - d) 322

---

17. The value of 7 in 7,482 is:

- a) 7
- b) 70
- c) 700
- d) 7,000

---

18.  $400 \div 5 =$

- a) 60
- b) 70
- c) 80
- d) 90

---

19.  $15 \times 15 =$

- a) 215
- b) 220
- c) 225
- d) 230

---

20. Which decimal is the same as  $\frac{1}{2}$ ?

- a) 0.2
- b) 0.25
- c) 0.5
- d) 0.75

---

## Section B: Measurement & Geometry

21. 1 kilometre = \_\_\_\_ metres.

- a) 10
  - b) 100
  - c) 1,000
  - d) 10,000
-

22. Which is heavier?

- a) 1 kg
  - b) 1,000 g
  - c) Same weight
  - d) 100 g
- 

23. A litre measures:

- a) Mass
  - b) Time
  - c) Volume
  - d) Length
- 

24. How many minutes in 3 hours?

- a) 120
  - b) 150
  - c) 160
  - d) 180
- 

25. A straight angle is:

- a)  $45^\circ$
  - b)  $90^\circ$
  - c)  $180^\circ$
  - d)  $360^\circ$
- 

26. A cube has how many faces?

- a) 4
  - b) 6
  - c) 8
  - d) 12
- 

27. A hexagon has how many sides?

- a) 5
  - b) 6
  - c) 7
  - d) 8
- 

---

28. Which shape has only one curved surface?

- a) Sphere
  - b) Cone
  - c) Cylinder
  - d) Cube
- 

29. 250 cm = \_\_\_\_ m

- a) 2.5
  - b) 25
  - c) 250
  - d) 0.25
- 

30. Perimeter of a rectangle 8 cm by 6 cm =

- a) 14 cm
  - b) 28 cm
  - c) 36 cm
  - d) 48 cm
- 

### Section C: Money

31.  $\$7.50 + \$12.40 =$

- a) \$18.90
  - b) \$19.80
  - c) \$19.90
  - d) \$20.00
- 

32. If one apple costs \$1.20, what do 5 apples cost?

- a) \$5.20
  - b) \$5.40
  - c) \$6.00
  - d) \$6.20
-

33. You have \$50, spend \$27.85.  
Left?  
a) \$22.05  
b) \$22.15  
c) \$23.05  
d) \$23.15
- 

34. Which two notes make \$70?  
a) \$50 + \$20  
b) \$20 + \$20  
c) \$50 + \$50  
d) \$20 + \$10
- 

35. Which coin is not used in Australia?  
a) 5c  
b) 10c  
c) 1c  
d) \$2
- 

#### **Section D: Statistics & Probability**

36. Which event is certain?  
a) It will rain today  
b) The sun will rise tomorrow  
c) A dog will fly  
d) A coin will land on heads
- 

37. Which event is impossible?  
a) A horse runs  
b) A cat barks  
c) A ball bounces  
d) It may rain
- 

38. Which is most likely?  
a) Rolling an even number on a

- dice  
b) Rolling a 7 on a dice  
c) Getting heads every coin toss  
d) A fish climbing a tree
- 

39. A survey shows: 12 like soccer, 8 basketball, 5 tennis. Least popular?  
a) Soccer  
b) Basketball  
c) Tennis  
d) None
- 

40. How many students in total?  
a) 22  
b) 23  
c) 24  
d) 25
- 

41. Probability of rolling 5 on a fair dice is:  
a)  $\frac{1}{2}$   
b)  $\frac{1}{4}$   
c)  $\frac{1}{6}$   
d)  $\frac{1}{8}$
- 

#### **Section E: Problem Solving**

42. A box has 64 chocolates. If shared among 8 children, each gets:  
a) 6  
b) 7  
c) 8  
d) 9
-

43. A bus has 56 seats. 39 filled.  
Empty seats?

- a) 15
  - b) 16
  - c) 17
  - d) 18
- 

48. There are 52 weeks in a year.  
How many in 2 years?

- a) 100
  - b) 102
  - c) 104
  - d) 106
- 

44. A shopkeeper sells 36 pencils in  
one box. How many in 7 boxes?

- a) 240
  - b) 250
  - c) 252
  - d) 260
- 

49. Mia walks 3 km each day. How  
far in 12 days?

- a) 24 km
  - b) 30 km
  - c) 36 km
  - d) 40 km
- 

45. A farmer has 285 sheep and 426  
cows. Total animals?

- a) 701
  - b) 711
  - c) 721
  - d) 731
- 

50. Write a number sentence: "I had 120  
marbles, I lost 37, then got 25."

- a)  $120 - 37 + 25$
  - b)  $120 + 37 - 25$
  - c)  $37 - 120 + 25$
  - d)  $120 + 25 - 37$
- 

46. Lily has \$100. She buys a book  
for \$28 and a toy for \$39. Left?

- a) \$31
  - b) \$32
  - c) \$33
  - d) \$34
- 

47. A jug holds 1.5 litres of juice.  
How many litres in 6 jugs?

- a) 8
  - b) 9
  - c) 10
  - d) 11
-