

YEAR 3 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 $325 + 476$?
 - a) 701
 - b) 711
 - c) 801
 - d) 811
2. What is $842 - 329$?
 - a) 513
 - b) 523
 - c) 512
 - d) 522
3. $7 \times 8 =$
 - a) 54
 - b) 56
 - c) 58
 - d) 64
4. $56 \div 7 =$
 - a) 6
 - b) 7
 - c) 8
 - d) 9
5. Which number is the greatest?
 - a) 398
 - b) 839
 - c) 983
 - d) 893
6. Which is an even number?
 - a) 215
 - b) 327
 - c) 456
 - d) 789
7. Round 678 to the nearest ten.
 - a) 670
 - b) 680
 - c) 600
 - d) 700
8. Round 347 to the nearest hundred.
 - a) 300
 - b) 350
 - c) 400
 - d) 345
9. Which fraction is the same as $\frac{1}{2}$?
 - a) $\frac{2}{4}$
 - b) $\frac{1}{3}$
 - c) $\frac{3}{6}$
 - d) Both a and c
10. What is $\frac{1}{3}$ of 21?
 - a) 6
 - b) 7
 - c) 8
 - d) 9
11. Double 146 =
 - a) 282
 - b) 292
 - c) 296
 - d) 276
12. Half of 248 =
 - a) 112
 - b) 114
 - c) 124
 - d) 144
13. $25 \times 4 =$
 - a) 50
 - b) 75
 - c) 100
 - d) 125
14. $48 \div 6 =$
 - a) 6
 - b) 7
 - c) 8
 - d) 9
15. Continue the pattern: 2, 5, 8, 11, _____, _____

- a) 13, 14
b) 12, 14
c) 14, 17
d) 15, 18
16. Next three numbers: 150, 175, 200, ____, ____, ____
a) 210, 220, 230
b) 225, 250, 275
c) 205, 210, 215
d) 201, 202, 203
17. Which number is a multiple of 9?
a) 45
b) 48
c) 54
d) All of these
18. What is the value of 5 in 458?
a) 5
b) 50
c) 500
d) 55
19. Which is a prime number?
a) 4
b) 6
c) 7
d) 9
20. Which of these is not divisible by 2?
a) 246
b) 372
c) 589
d) 810
23. A litre is a measure of:
a) Length
b) Mass
c) Volume
d) Time
24. How many minutes in 2 hours?
a) 60
b) 90
c) 100
d) 120
25. A right angle is:
a) 45°
b) 60°
c) 90°
d) 180°
26. Which shape has 6 faces, 12 edges, 8 vertices?
a) Sphere
b) Cube
c) Cylinder
d) Pyramid
27. A triangle with all sides equal is called:
a) Scalene
b) Isosceles
c) Equilateral
d) Right-angled
28. Which clock shows 3:45?
a) Hour hand near 3, minute hand at 9
b) Hour hand near 4, minute hand at 9
c) Hour hand near 3, minute hand at 6
d) Hour hand near 4, minute hand at 6

Section B: Measurement & Geometry

21. 1 metre = ____ centimetres.
a) 10
b) 100
c) 1000
d) 10000
22. Which is heavier?
a) 1 kilogram
b) 500 grams
c) Same weight
d) 200 grams
29. 200 cm = ____ m
a) 2
b) 20
c) 2000
d) 0.2
30. Perimeter of a square with side 5 cm =
a) 10 cm
b) 15 cm

- c) 20 cm
 - d) 25 cm
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Section C: Money

- 31. $\$5 + \$7.50 =$
 - a) \$11.50
 - b) \$12
 - c) \$12.50
 - d) \$13
- 32. If you buy 3 apples at \$2 each, total cost =
 - a) \$5
 - b) \$6
 - c) \$7
 - d) \$8
- 33. You have \$20, spend \$13.50. Left?
 - a) \$6.50
 - b) \$7
 - c) \$7.50
 - d) \$8
- 34. Which two coins make \$1.50?
 - a) \$1 + 50c
 - b) 50c + 50c
 - c) 50c + 20c
 - d) \$2 – 50c
- 35. Which note is not used in Australia?
 - a) \$5
 - b) \$10
 - c) \$25
 - d) \$100

Section D: Statistics & Probability

- 36. Which event is certain?
 - a) The sun will rise tomorrow
 - b) A cat will bark
 - c) It will snow tomorrow in Sydney
 - d) A coin toss will land on heads

- 37. Which event is impossible?
 - a) A kangaroo can hop
 - b) A dog can talk
 - c) It may rain tomorrow
 - d) Rolling a dice shows less than 7

- 38. Which is most likely?
 - a) Rolling an even number on a dice
 - b) Rolling a 7 on a dice
 - c) Flipping a coin and landing on heads every time
 - d) A dog driving a car

- 39. A class survey shows: 6 like soccer, 9 like basketball, 3 like tennis. Which is least popular?
 - a) Soccer
 - b) Basketball
 - c) Tennis
 - d) None

- 40. How many students in total?
 - a) 16
 - b) 17
 - c) 18
 - d) 19

- 41. If you roll a fair dice, probability of getting a 4 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 36 chocolates. If shared among 9 children, each gets:

- a) 3
- b) 4
- c) 5
- d) 6

- 43. A bus has 48 seats. 29 are filled. Empty seats?

- a) 17

- b) 18
- c) 19
- d) 20

- c) $23 - 75 + 15$
- d) $75 + 15 - 23$

44. A shopkeeper sells 24 pencils in one box. How many in 5 boxes?

- a) 100
- b) 110
- c) 120
- d) 125

45. A farmer has 125 sheep and 236 cows. Total animals?

- a) 351
- b) 361
- c) 371
- d) 381

46. Lily has \$50. She buys a book for \$18 and a toy for \$23. How much left?

- a) \$7
- b) \$8
- c) \$9
- d) \$10

47. A jug holds 2 litres of juice. How many litres in 5 jugs?

- a) 7
- b) 8
- c) 9
- d) 10

48. There are 4 weeks in a month. How many weeks in 3 months?

- a) 10
- b) 11
- c) 12
- d) 13

49. Mia runs 2 km each day. How far in 7 days?

- a) 12 km
- b) 13 km
- c) 14 km
- d) 15 km

50. Write a number sentence for this:

"I had 75 marbles, I lost 23, then found 15."

- a) $75 - 23 + 15$
- b) $75 + 23 - 15$

