

Year 5 NAPLAN numeracy practice test

30 questions in NAPLAN's question styles, Australian Curriculum Year 5. Time: 45 minutes.
No calculator. Circle one answer for each question. Answers with explanations are on the last page: mark it with your child afterwards.

Science with Shobha · sciencewithshobha.com/subjects/naplan/ · free 30-minute 1-on-1 demo class on WhatsApp +91 72720 00205

1. In the number 63 482, what is the value of the digit 3?

- A. 300
- B. 3 000
- C. 30 000
- D. 3

2. $4\ 675 + 2\ 986 = ?$

- A. 7 551
- B. 7 661
- C. 7 561
- D. 6 661

3. $8\ 003 - 4\ 567 = ?$

- A. 3 436
- B. 3 546
- C. 4 436
- D. 3 446

4. $47 \times 6 = ?$

- A. 242
- B. 272
- C. 282
- D. 292

5. $384 \div 6 = ?$

- A. 54
- B. 62
- C. 64
- D. 66

6. Which number is a multiple of both 4 and 6?

- A. 16
- B. 18
- C. 24
- D. 30

7. Which number is NOT a factor of 20?

- A. 2
- B. 4
- C. 6
- D. 10

8. Round 7 846 to the nearest hundred.

- A. 7 800
- B. 7 850
- C. 7 900
- D. 8 000

9. Which fraction is the same as 0.7?

- A. $\frac{7}{100}$
- B. $\frac{7}{10}$
- C. 70
- D. $\frac{1}{7}$

10. Put these in order from largest to smallest: 0.35, 0.5, 0.305

- A. 0.5, 0.35, 0.305
- B. 0.35, 0.305, 0.5
- C. 0.305, 0.35, 0.5
- D. 0.5, 0.305, 0.35

11. $\frac{2}{5} + \frac{1}{5} = ?$

- A. $\frac{3}{10}$
- B. $\frac{3}{5}$
- C. $\frac{2}{10}$
- D. $\frac{1}{5}$

12. What is $\frac{3}{4}$ of 24?

- A. 6
- B. 12
- C. 18
- D. 32

13. Tickets cost \$12.50 each. How much do 4 tickets cost?

- A. \$48.50
- B. \$50.00
- C. \$49.00
- D. \$52.50

14. Priya buys items for \$7.35 and \$4.20 and pays with \$20. What change does she get?

- A. \$8.45
- B. \$8.55
- C. \$9.45
- D. \$8.35

15. A rectangle is 8 cm long and 5 cm wide. What is its perimeter?

- A. 13 cm
- B. 26 cm
- C. 40 cm
- D. 18 cm

16. The same rectangle, 8 cm by 5 cm. What is its area?

- A. 13 cm²
- B. 26 cm²
- C. 40 cm²
- D. 80 cm²

17. 2.5 km = ? m

- A. 250 m
- B. 2 500 m
- C. 25 000 m
- D. 2 050 m

18. 3 250 g = ? kg

- A. 32.5 kg
- B. 3.25 kg
- C. 0.325 kg
- D. 325 kg

19. 3:45 pm in 24-hour time is

- A. 03:45
- B. 13:45
- C. 15:45
- D. 17:45

20. A train leaves at 09:50 and arrives at 12:15. How long is the journey?

- A. 2 h 15 min
- B. 2 h 25 min
- C. 2 h 35 min
- D. 3 h 25 min

21. An angle of 145° is

- A. acute
- B. right
- C. obtuse
- D. reflex

22. Two angles make a straight line. One is 65°. What is the other?

- A. 25°
- B. 115°
- C. 125°
- D. 295°

23. A triangle with exactly two equal sides is

- A. equilateral
- B. isosceles
- C. scalene
- D. right-angled

24. A shape is flipped over a line to make its mirror image. This transformation is a

- A. translation
- B. rotation
- C. reflection
- D. enlargement

25. Point P is 5 across and 3 up from the origin. Its coordinates are

- A. (3, 5)
- B. (5, 3)
- C. (5, 5)
- D. (3, 3)

26. In a class test, 4 students scored 7, 6 students scored 8 and 2 students scored 9. How many students sat the test?

- A. 10
- B. 12
- C. 24
- D. 3

27. A spinner has 8 equal sections and 3 are red. The chance of landing on red is

- A. $\frac{3}{8}$
- B. $\frac{1}{3}$
- C. $\frac{5}{8}$
- D. $\frac{3}{5}$

28. 3, 7, 11, 15, ? What comes next?

- A. 18
- B. 19
- C. 20
- D. 21

29. A bus holds 45 students. 6 buses take 253 students on an excursion. How many seats are empty?

- A. 17
- B. 27
- C. 7
- D. 23

30. $7 \times ? = 91$

- A. 12
- B. 13
- C. 14
- D. 11

Answers · Year 5 NAPLAN numeracy practice test

1. **B** 3 000 — The 3 is in the thousands place.
2. **B** 7 661 — $4\,675 + 3\,000 = 7\,675$, minus 14 = 7 661.
3. **A** 3 436 — $8\,003 - 4\,567$: $4\,567 + 3\,436 = 8\,003$.
4. **C** 282 — $40 \times 6 = 240$, $7 \times 6 = 42$, total 282.
5. **C** 64 — $6 \times 60 = 360$, $6 \times 4 = 24$, so 64.
6. **C** 24 — $24 = 4 \times 6 = 6 \times 4$; the others fail one of the two.
7. **C** 6 — $20 \div 6$ is not a whole number.
8. **A** 7 800 — 46 is less than 50, so round down to 7 800.
9. **B** 7/10 — $0.7 =$ seven tenths.
10. **A** 0.5, 0.35, 0.305 — Compare tenths first: $0.5 > 0.35 > 0.305$.
11. **B** $\frac{3}{5}$ — Same denominator: add the numerators.
12. **C** 18 — One quarter of 24 is 6, so three quarters is 18.
13. **B** \$50.00 — $4 \times \$12 = \48 , $4 \times 50c = \$2$, total \$50.
14. **A** \$8.45 — $\$7.35 + \$4.20 = \$11.55$; $\$20 - \$11.55 = \$8.45$.
15. **B** 26 cm — $8 + 5 + 8 + 5 = 26$.
16. **C** 40 cm^2 — $8 \times 5 = 40$ square centimetres.
17. **B** 2 500 m — 1 km = 1 000 m.
18. **B** 3.25 kg — 1 000 g = 1 kg, so 3 250 g = 3.25 kg.
19. **C** 15:45 — Add 12 to the hour for pm times after noon.
20. **B** 2 h 25 min — 09:50 to 12:00 is 2 h 10 min, plus 15 min.
21. **C** obtuse — Between 90° and 180° is obtuse.
22. **B** 115° — $180^\circ - 65^\circ = 115^\circ$.
23. **B** isosceles — Isosceles: two equal sides and two equal angles.
24. **C** reflection — A flip is a reflection.
25. **B** (5, 3) — Across first, then up: (5, 3).
26. **B** 12 — $4 + 6 + 2 = 12$.
27. **A** $\frac{3}{8}$ — 3 red out of 8 equal sections.
28. **B** 19 — Add 4 each time.
29. **A** 17 — $6 \times 45 = 270$; $270 - 253 = 17$.
30. **B** 13 — $7 \times 13 = 91$.

Score out of 30: _____ 26–30 comfortable · 20–25 solid, fix the wobbling topic · 13–19 gaps in the Year 5 strand · under 13 start a year lower.

Bring the marked test to a free 30-minute demo class and we will tell you which topics to fix first:
sciencewithshobha.com/subjects/naplan/