

NSW Selective Practice Set

20 original practice questions across Mathematical Reasoning, Thinking Skills and Reading — with a full answer key.

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Mathematical Reasoning

1. A baker packs 96 muffins into boxes of 8. How many full boxes does she fill?
(A) 12
(B) 13
(C) 16
(D) 11
2. Pens cost \$7 each. Mia buys 6 pens and pays with a \$50 note. How much change does she get?
(A) \$6
(B) \$8
(C) \$9
(D) \$14
3. A rectangle is 3 cm wide and 5 cm long. What is its perimeter?
(A) 20 cm
(B) 14 cm
(C) 16 cm
(D) 15 cm
4. A pattern starts at 4 and goes up by 6 each step: 4, 10, 16, ... What is the 7th number?
(A) 46
(B) 52
(C) 34
(D) 40
5. Three-quarters of a class of 24 students walk to school. How many students is that?
(A) 18
(B) 24
(C) 6
(D) 15
6. A clock shows 2:45. How many minutes until 3:30?
(A) 40
(B) 45
(C) 50
(D) 35
7. A car travels at 60 km/h for 3 hours. How far does it go?
(A) 160 km
(B) 63 km
(C) 180 km
(D) 210 km

8. Which number is a factor of both 12 and 18?
- (A) 8
 - (B) 9
 - (C) 5
 - (D) 6
9. What is the average (mean) of 8, 12 and 10?
- (A) 10
 - (B) 12
 - (C) 30
 - (D) 9
10. A \$40 jumper is reduced by 25%. What is the new price?
- (A) \$35
 - (B) \$30
 - (C) \$25
 - (D) \$20

Thinking Skills

11. All robins are birds. All birds have feathers. Which statement must be true?
- (A) Some feathers are robins
 - (B) All birds are robins
 - (C) All robins have feathers
 - (D) Only robins have feathers
12. Tom is taller than Sara. Sara is taller than Leo. Who is the shortest?
- (A) Cannot be known
 - (B) Tom
 - (C) Sara
 - (D) Leo
13. In a code, CAT is written DBU (each letter moves forward one). How is DOG written?
- (A) EPH
 - (B) CNF
 - (C) EPG
 - (D) DPH
14. Five friends sit in a row. Ana is in the middle. Ben is on Ana's right. If there are two seats left of Ana, how many seats are right of Ana?
- (A) 1
 - (B) 2
 - (C) 3
 - (D) 4
15. 'If it rains, the match is cancelled.' The match was NOT cancelled. What can we conclude?
- (A) Nothing can be concluded
 - (B) It rained
 - (C) It did not rain
 - (D) The match was played in the rain

Reading & Vocabulary

16. Choose the word closest in meaning to ENORMOUS.

- (A) narrow
- (B) quiet
- (C) tiny
- (D) gigantic

17. Choose the word closest in meaning to RELUCTANT.

- (A) unwilling
- (B) cheerful
- (C) honest
- (D) eager

18. Choose the word that best completes the sentence: 'The explorers were _____ by the sudden storm.'

- (A) delighted
- (B) startled
- (C) rewarded
- (D) invited

19. Which word is the OPPOSITE of GENEROUS?

- (A) brave
- (B) kind
- (C) selfish
- (D) wealthy

20. Choose the word closest in meaning to ANCIENT.

- (A) foreign
- (B) famous
- (C) modern
- (D) very old

Answer Key

1. A	2. B	3. C	4. D	5. A
6. B	7. C	8. D	9. A	10. B
11. C	12. D	13. A	14. B	15. C
16. D	17. A	18. B	19. C	20. D

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