



Grade 5 Math Practice — Grade 5 (Set 7) — Answer Key

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Number Sense & Operations

Use order of operations, work with decimals and large numbers.

1. Calculate: $45 + 7 \times 6$

A) 87 [CORRECT]

B) 312

C) 321

D) 58

2. What is $0.6 + 0.37$?

A) 0.96

B) 0.97 [CORRECT]

C) 1.07

D) 0.98

3. Round 3.37 to the nearest tenth.

A) 3.3

B) 3.4 [CORRECT]

C) 3.5

D) 3.37

4. What is 4.5×2 ?

A) 8.0

B) 9.0 [CORRECT]

C) 8.5

D) 10.0

5. Which is greater: 0.7 or 0.65?

A) 0.65

B) 0.7 [CORRECT]

C) They are equal

D) Cannot tell



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6. A store sells notebooks for \$2.65 each. You buy 4. What is the total? Show your work using order of operations.

Answer: $4 \times \$2.65 = \10.60

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Fraction Operations

Compare, add, and subtract fractions.

7. Which is greater: $\frac{3}{8}$ or $\frac{2}{5}$?

A) $\frac{3}{8}$

B) $\frac{2}{5}$ [CORRECT]

C) Equal

D) Cannot tell

8. What is $\frac{1}{4} + \frac{3}{8}$?

A) $\frac{4}{12}$

B) $\frac{4}{8}$

C) $\frac{5}{8}$ [CORRECT]

D) $\frac{7}{8}$

9. What is $\frac{5}{6} - \frac{1}{3}$?

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

B) $\frac{4}{6}$

C) $\frac{1}{2}$ [CORRECT]

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

10. Convert $\frac{7}{4}$ to a mixed number.

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

B) $1 \frac{3}{4}$ [CORRECT]

C) $3 \frac{1}{4}$

D) $2 \frac{3}{4}$

11. A runner completed $\frac{2}{3}$ of a race on day 1 and $\frac{1}{6}$ on day 2. How much of the race is left?

Answer: $\frac{2}{3} + \frac{1}{6} = \frac{4}{6} + \frac{1}{6} = \frac{5}{6}$. Left = $1 - \frac{5}{6} = \frac{1}{6}$.



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Geometry & Measurement

Calculate area and volume. Work with angles.

12. What is the area of a rectangle $6\text{ cm} \times 12\text{ cm}$?

A) 18

B) 36

C) 72 [CORRECT]

D) 36

13. What is the volume of a box $3\text{ cm} \times 3\text{ cm} \times 3\text{ cm}$?

A) 9

B) 9

C) 27 [CORRECT]

D) 18

14. What type of angle measures exactly 90° ?

A) Acute

B) Right [CORRECT]

C) Obtuse

D) Straight

15. How many faces does a rectangular prism have?

A) 4

B) 5

C) 6 [CORRECT]

D) 8

16. A triangular flag has a base of 6 cm and a height of 12 cm. What is its area? Explain the formula you used.

Answer: $\text{Area} = (\text{base} \times \text{height}) \div 2 = (6 \times 12) \div 2 = 36\text{ cm}^2$.



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Patterning & Algebra

Extend patterns. Use variables.

17. What is the 7th term? 6, 11, 16, ...

A) 31

B) 36 [CORRECT]

C) 41

D) 26

18. If $n = 5$, what is $3n + 2$?

A) 15

B) 17 [CORRECT]

C) 20

D) 13

19. What is the rule? 4?12, 5?15, 6?18

A) Add 8

B) Multiply by 3 [CORRECT]

C) Multiply by 2

D) Add 10

20. $6 + x = 11$. What is x ?

A) 4

B) 5 [CORRECT]

C) 6

D) 7

21. Write a rule for this pattern: 3, 7, 11, 15, 19, ... Find the 20th term.

Answer: Rule: start at 3, add 4. 20th term = $3 + (20-1) \times 4 = 3 + 76 = 79$.



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Data Management & Probability

Interpret data, calculate measures of central tendency.

22. Find the mean of 12, 10, 10, 14.

A) 10

B) 11 [CORRECT]

C) 12

D) 10

23. Find the median of 10, 10, 12, 14.

A) 10

B) 11 [CORRECT]

C) 12

D) 14

24. A bag has 4 red, 3 blue, 3 green marbles. $P(\text{blue}) = ?$

A) $4/10$

B) $3/10$ [CORRECT]

C) $3/7$

D) $1/3$

25. A spinner has sections: 50% blue, 25% red, 25% green. Spin 40 times. About how many blue?

A) 10

B) 15

C) 20 [CORRECT]

D) 25

26. Scores: 12, 10, 10, 14, 12. Find mean, median, and mode.

Answer: Mean = $(58) \div 5 = 11.6$. Median = middle value when sorted. Mode = 12 (appears twice).



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