



Grade 5 Math Practice — Grade 5 (Set 3) — Answer Key

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Number Sense & Operations

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

1. Calculate: $41 + 7 \times 3$

A) 62 [CORRECT]

B) 144

C) 290

D) 51

2. What is $0.6 + 0.35$?

A) 0.94

B) 0.95 [CORRECT]

C) 1.05

D) 0.96

3. Round 3.35 to the nearest tenth.

A) 3.3

B) 3.4 [CORRECT]

C) 3.5

D) 3.35

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 $6\text{ cm} \times 10\text{ cm}$?

A) 16

B) 32

C) 60 [CORRECT]

D) 30

13. What is the volume of a box $7\text{ cm} \times 7\text{ cm} \times 7\text{ cm}$?

A) 49

B) 21

C) 343 [CORRECT]

D) 42

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 10 cm. What is its area? Explain the formula you used.

Answer: $\text{Area} = (\text{base} \times \text{height}) \div 2 = (6 \times 10) \div 2 = 30\text{ cm}^2$.



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Patterning & Algebra

Extend patterns. Use variables.

17. What is the 7th term? 6, 12, 18, ...

A) 36

B) 42 [CORRECT]

C) 48

D) 30

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. $6 + x = 12$. What is x ?

A) 5

B) 6 [CORRECT]

C) 7

D) 8

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 8, 12, 8, 14.

A) 9

B) 10 [CORRECT]

C) 11

D) 12

23. Find the median of 8, 8, 12, 14.

A) 8

B) 10 [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: 8, 12, 8, 14, 8. Find mean, median, and mode.

Answer: Mean = $(50) \div 5 = 10$. Median = middle value when sorted. Mode = 8 (appears twice).



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