



## Grade 5 Math Practice — Grade 5 (Set 9)

Core Skills Edition | Curriculum-aligned worksheet

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### Number Sense & Operations

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

1. Calculate:  $17 + 7 \times 4$

- A) 45
- B) 96
- C) 123
- D) 28

2. What is  $0.8 + 0.57$ ?

- A) 1.36
- B) 1.37
- C) 1.47
- D) 1.38

3. Round 3.57 to the nearest tenth.

- A) 3.5
- B) 3.6
- C) 3.7
- D) 3.57

4. What is  $4.5 \times 2$ ?

- A) 8.0
- B) 9.0
- C) 8.5
- D) 10.0

5. Which is greater: 0.7 or 0.65?

- A) 0.65
- B) 0.7
- C) They are equal
- D) Cannot tell



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6. A store sells notebooks for \$2.85 each. You buy 4. What is the total? Show your work using order of operations.

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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)  $\frac{2}{5}$
- C) Equal
- D) Cannot tell

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

- A)  $\frac{4}{12}$
- B)  $\frac{4}{8}$
- C)  $\frac{5}{8}$
- D)  $\frac{7}{8}$

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

- A)  $\frac{4}{3}$
- B)  $\frac{4}{6}$
- C)  $\frac{1}{2}$
- D)  $\frac{2}{3}$

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

- A)  $1 \frac{1}{4}$
- B)  $1 \frac{3}{4}$
- 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?

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**Geometry & Measurement***Calculate area and volume. Work with angles.***12.** What is the area of a rectangle  $6\text{ cm} \times 5\text{ cm}$ ?

- A) 11
- B) 22
- C) 30
- D) 15

**13.** What is the volume of a box  $5\text{ cm} \times 5\text{ cm} \times 5\text{ cm}$ ?

- A) 25
- B) 15
- C) 125
- D) 30

**14.** What type of angle measures exactly  $90^\circ$ ?

- A) Acute
- B) Right
- C) Obtuse
- D) Straight

**15.** How many faces does a rectangular prism have?

- A) 4
- B) 5
- C) 6
- D) 8

**16.** A triangular flag has a base of 6 cm and a height of 5 cm. What is its area? Explain the formula you used.

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### Patterning & Algebra

*Extend patterns. Use variables.*

**17.** What is the 7th term? 7, 13, 19, ...

- A) 37
- B) 43
- C) 49
- D) 31

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

- A) 15
- B) 17
- C) 20
- D) 13

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

- A) Add 8
- B) Multiply by 3
- C) Multiply by 2
- D) Add 10

**20.**  $7 + x = 13$ . What is  $x$ ?

- A) 5
- B) 6
- C) 7
- D) 8

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

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### Data Management & Probability

*Interpret data, calculate measures of central tendency.*

**22.** Find the mean of 6, 8, 10, 15.

- A) 8
- B) 9
- C) 10
- D) 8

**23.** Find the median of 6, 8, 10, 15.

- A) 6
- B) 9
- C) 10
- D) 15

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

- A)  $4/10$
- B)  $3/10$
- 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
- D) 25

**26.** Scores: 6, 8, 10, 15, 6. Find mean, median, and mode.

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