

## FOURTH GRADE MATH ANSWERS

1. C (Number sense: read and write whole numbers)
2. D (Computation and Operation: multiply single digit multiples of powers of ten)
3. B (Data: describe data in graphs)
4. B (Number sense: compare and order numbers)
5. C (Patterns: patterns in tables)
6. D (Probability: outcomes of random experiments)
7. C (Measurement: making change in a variety of ways.)
8. A (Number sense: use fractions to solve problems)
9. B (Computation and operation: multiplication)
10. B (Algebraic thinking: identify missing numbers)
11. A (Data: describe data in tables)
12. B (Measurement: area of a rectangle)
13. D (Number sense: rounding and estimation)
14. A (Algebraic thinking: using properties of arithmetic)
15. A (Measurement: perimeter of a polygon)
16. A (Computation and operation: multiplication)

17. Constructed Response possible strategy (Measurement: rectangles with different areas can have different perimeters)  
The actual answer is 6 yds by 6 yds. Students may draw rectangles whose dimensions are recorded below.

Side	Side	Area (yards squared)
1	11	11
2	10	20
3	9	27
4	8	32
5	7	35
6	6	36

The perimeter for each of the rectangles with the dimensions above is 24 yards.

18. C (Computation and operation: subtraction)
19. Constructed response (Probability: possible arrangements of two or three objects)  
Answer: 6 different combinations.
20. D (Computation and operation: division)
21. C (Spatial sense: identify parallel and/or perpendicular lines)
22. D (Computation and operation: addition)
23. C (Spatial sense: identify congruent and/or similar figures)
24. D (Geometry: classify 2- and 3-D shapes)
25. D (Geometry: identify right angles and angles greater or less than a right angle)
26. A (Computation and operation: multiplication)