



Regents Practice Test 3 - Geometry

ANSWER KEY

Part I:

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|-------|--------|--------|--------|
| (1) 4 | (9) 1 | (17) 2 | (25) 3 |
| (2) 2 | (10) 2 | (18) 2 | (26) 4 |
| (3) 1 | (11) 3 | (19) 4 | (27) 1 |
| (4) 1 | (12) 2 | (20) 1 | (28) 4 |
| (5) 3 | (13) 1 | (21) 3 | |
| (6) 3 | (14) 2 | (22) 2 | |
| (7) 2 | (15) 2 | (23) 2 | |
| (8) 2 | (16) 3 | (24) 3 | |

Part II:

- (29) 84,600,150 cu.ft. (30) $x = 15$ (31) $AC = 29$
(32) 18 feet (33) $x^2 + y^2 = 2500$
(34) see construction in interactive section

Part III:

- (35) $m\angle DEF = 90$ (36) $y = 3x - 12$
(37) \$221.17

Part IV:

- (38) see proof in interactive section