



Regents Practice Test 1 - Geometry

ANSWER KEY

Part I:

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

Part II:

- (29) $2\sqrt{3}$ (30) several answers (31) 25
(32) see construction (33) 22.4
(34) If the angles opposite 2 sides of a triangle are not congruent then the two sides are not congruent. Contrapositive.

Part III:

- (35) $G(3,0)$ $H(2,-3)$ Parallel lines have equal slopes ($m = 3$)
(36) $m \angle D, m \angle G = 24$ or $m \angle E, m \angle F = 84$
(37) see interactive answer

Part IV:

- (38) see interactive answer