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**ANSWERS**

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- (1) 200
- (2) 106
- (3) 71
- (4) 3
- (5) 103
- (6)  $546 + \sqrt{2}$
- (7)  $\frac{89}{5}$
- (8)  $288\pi$
- (9) 24
- (10) 218
- (11)  $\frac{31}{2}$  or 15.5
- (12)  $\frac{209}{10}$  or 20.9
- (13) 387
- (14) 940