

**TEXAS A&M UNIVERSITY
DEPARTMENT OF MATHEMATICS
MATH FAIR CONTEST
ANSWERS FOR GRADES 8-12**

APRIL 22, 2012

- (1) 15
- (2) 15
- (3) 65
- (4) 7
- (5) 51
- (6) 13
- (7) 527
- (8) 11
- (9) 1089
- (10) 6
- (11) 301
- (12) $\frac{251}{2012}$
- (13) 5674
- (14) $\frac{5}{12} \cdot \frac{4}{11} \cdot \frac{7}{10}$
- (15) Friday
- (16) December 31st.
- (17) 40
- (18) 36
- (19) 24
- (20) $19/3$