

2011 Team Session

Answers

1. $\tan(\angle ABC) \cdot \sin(\angle ADB)$
2. $x = -2$
3. $x = 0, x = 1$
4. 4
5. $[(a + b + d)(a + b - d)(a - b + d)(-a + b + d)]^{1/2}/d$
6. $s = (9\sqrt{2} - 6)/7$
7. $43\frac{7}{11}$
8. 6
9. r