

6D Part 1 Exact Trig Values

1. Given that

$$\tan A = -\frac{5}{12}$$

and A is obtuse, find the exact value of

a) $\sec A$

b) $\operatorname{cosec} A$

2. Given that

$$\cot B = \frac{7}{24}$$

and B is reflex, find the exact value of

a) $\sec B$

b) $\operatorname{cosec} B$