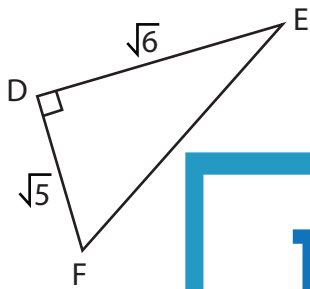


# Six Trigonometric Ratios

Find the exact values of six trigonometric ratios for the mentioned angle.

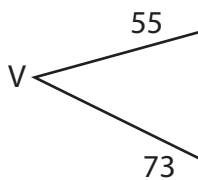
1)  $\angle E$



\_\_\_\_\_

\_\_\_\_\_

2)  $\angle V$



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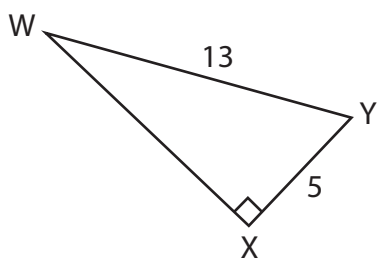
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3)  $\angle W$



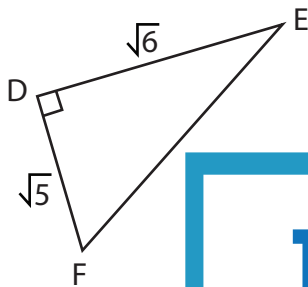
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## Six Trigonometric Ratios

Find the exact values of six trigonometric ratios for the mentioned angle.

1)  $\angle E$ 

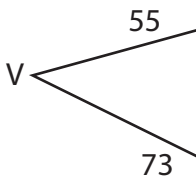
$$\sin E = \frac{\sqrt{55}}{11}$$

$$\csc E = \frac{\sqrt{55}}{5}$$

$$\cos E = \frac{\sqrt{66}}{11}$$

$$\sec E = \frac{\sqrt{66}}{6}$$

$$\cot E = \frac{\sqrt{30}}{5}$$

2)  $\angle V$ 

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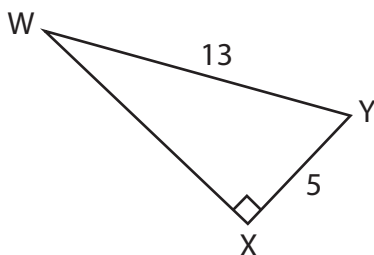
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$$\csc V = \frac{73}{48}$$

$$\sec V = \frac{73}{55}$$

$$\cot V = \frac{55}{48}$$

3)  $\angle W$ 

$$\sin W = \frac{5}{13}$$

$$\csc W = \frac{13}{5}$$

$$\cos W = \frac{12}{13}$$

$$\sec W = \frac{13}{12}$$

$$\tan W = \frac{5}{12}$$

$$\cot W = \frac{12}{5}$$