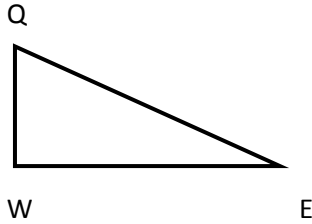


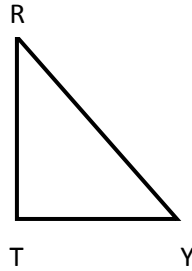
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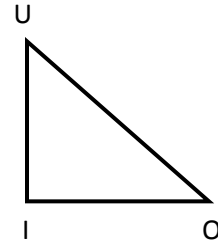
Topic: Trigonometric Ratios- Worksheet 1



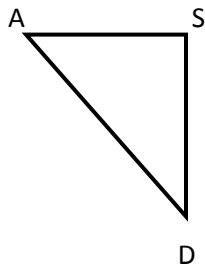
1. In a $\triangle QWE$, $WE = 18$ and $\angle E = 20^\circ$ Find QE



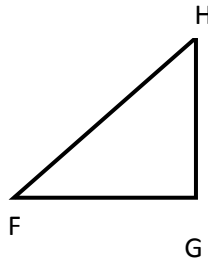
2. In a $\triangle RTY$, $RT = 44$ and $\angle R = 36^\circ$ Find RY



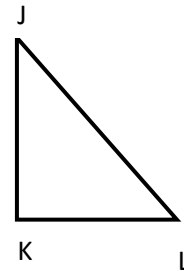
3. In a $\triangle UIO$, $UI = 9$ and $\angle O = 55^\circ$ Find IO



4. In a $\triangle ASD$, $AS = 40$ and $\angle D = 50^\circ$ Find SD



5. In a $\triangle FGH$, $FG = 50$ and $\angle H = 64^\circ$ Find HG

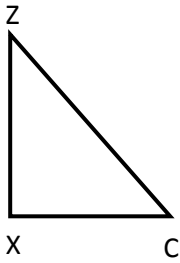


6. In a $\triangle JKL$, $JK = 48$ and $\angle L = 68^\circ$ Find LK

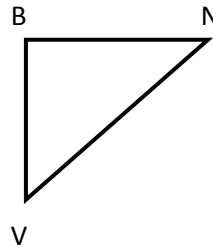


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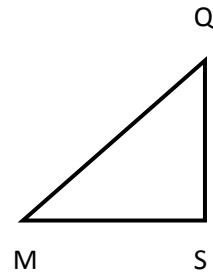
Date _____



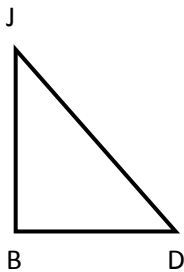
7. In a ΔZXC , $XZ = 46$ and $\angle Z = 60^\circ$ Find XC



8. In a ΔVBN , $VB = 64$ and $\angle V = 30^\circ$ Find BN



9. In a ΔMQS , $MQ = 60$ and $\angle M = 14^\circ$ Find MS



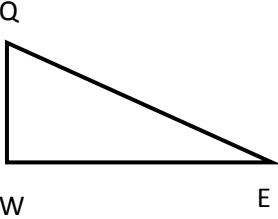
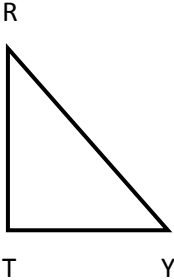
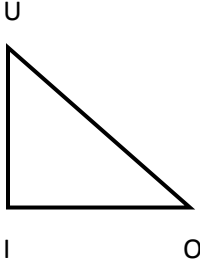
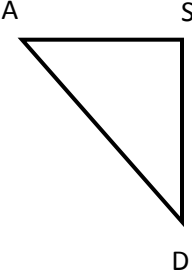
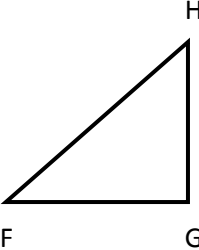
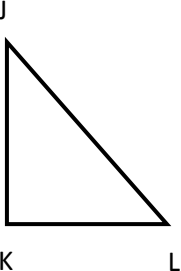
10. In a ΔJBD , $JB = 24$ and $\angle J = 84^\circ$ Find BD



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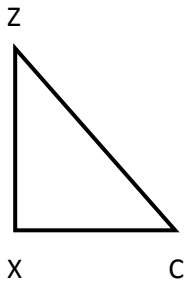
Topic: Trigonometric Ratios- Worksheet 2

 <p>1. In a $\triangle QWE$, $WE = 28$ and $\angle E = 30^\circ$ Find QE</p>	 <p>2. In a $\triangle RTY$, $RT = 55$ and $\angle R = 40^\circ$ Find RY</p>	 <p>3. In a $\triangle UIO$, $UI = 8$ and $\angle O = 60^\circ$ Find IO</p>
 <p>4. In a $\triangle ASD$, $AS = 60$ and $\angle D = 60^\circ$ Find SD</p>	 <p>5. In a $\triangle FGH$, $FG = 45$ and $\angle H = 54^\circ$ Find HG</p>	 <p>6. In a $\triangle JKL$, $JK = 62$ and $\angle L = 70^\circ$ Find LK</p>

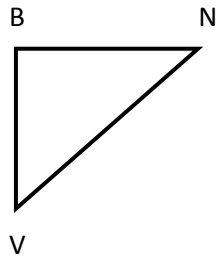


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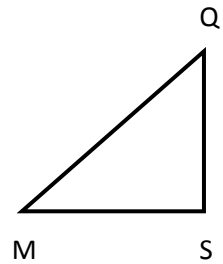
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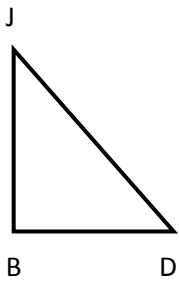
7. In a $\triangle ZXC$, $XZ = 23$ and $\angle Z = 72^\circ$ Find XC



8. In a $\triangle VBN$, $VB = 12$ and $\angle V = 15^\circ$ Find BN



9. In a $\triangle MQS$, $MQ = 35$ and $\angle M = 18^\circ$ Find MS



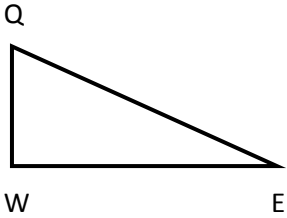
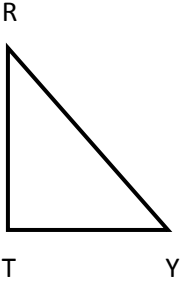
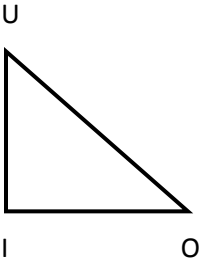
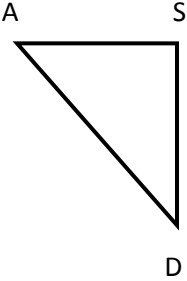
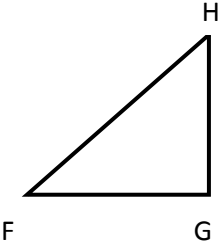
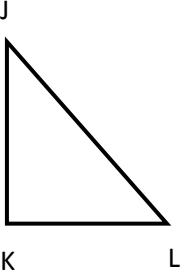
10. In a $\triangle JBD$, $JB = 51$ and $\angle J = 26^\circ$ Find BD



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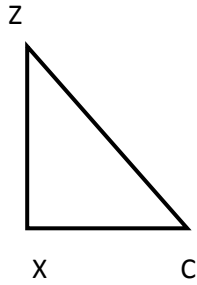
Topic : Trigonometric Ratios- Worksheet 3

 <p>1. In a $\triangle QWE$, $WE = 45$ and $\angle E = 21^\circ$ Find QE</p>	 <p>2. In a $\triangle RTY$, $RT = 64$ and $\angle R = 35^\circ$ Find RY</p>	 <p>3. In a $\triangle UIO$, $UI = 15$ and $\angle O = 72^\circ$ Find IO</p>
 <p>4. In a $\triangle ASD$, $AS = 43$ and $\angle D = 70^\circ$ Find SD</p>	 <p>5. In a $\triangle FGH$, $FG = 16$ and $\angle H = 65^\circ$ Find HG</p>	 <p>6. In a $\triangle JKL$, $JK = 58$ and $\angle L = 84^\circ$ Find LK</p>

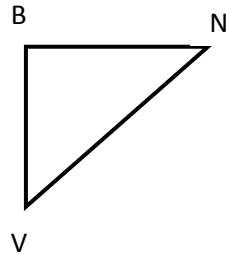


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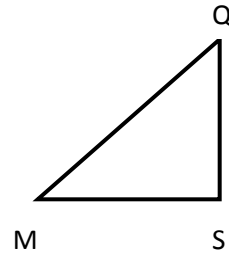
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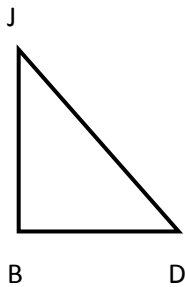
7. In a ΔZXC , $XZ = 18$ and $\angle C = 27^\circ$. Find XC .



8. In a ΔVBN , $VB = 57$ and $\angle V = 39^\circ$. Find BN .



9. In a ΔMQS , $MQ = 60$ and $\angle M = 29^\circ$. Find MS .



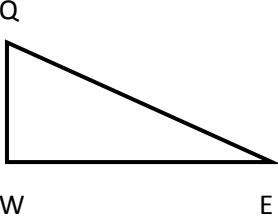
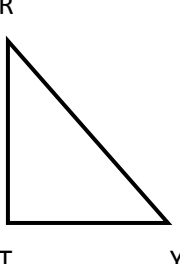
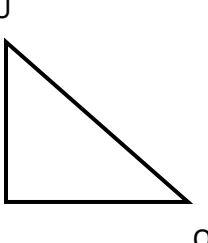
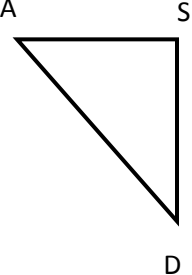
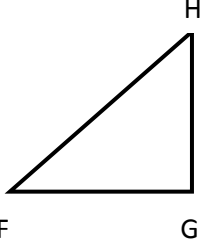
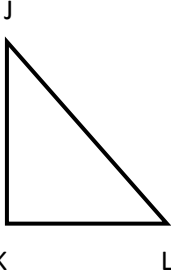
10. In a ΔJBD , $JB = 61$ and $\angle J = 78^\circ$. Find BD .



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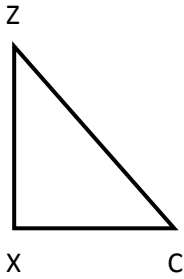
Topic : Trigonometric Ratios- Worksheet 4

 <p>1. In a $\triangle QWE$, $WE = 25$ and $\angle E = 36^\circ$. Find QE.</p>	 <p>2. In a $\triangle RTY$, $RT = 14$ and $\angle R = 45^\circ$. Find RY.</p>	 <p>3. In a $\triangle UIO$, $UO = 20$ and $\angle O = 39^\circ$. Find IO.</p>
 <p>4. In a $\triangle ASD$, $AS = 34$ and $\angle D = 77^\circ$. Find SD.</p>	 <p>5. In a $\triangle FGH$, $FG = 16$ and $\angle H = 48^\circ$. Find HG.</p>	 <p>6. In a $\triangle JKL$, $JK = 8$ and $\angle L = 26^\circ$. Find LK.</p>

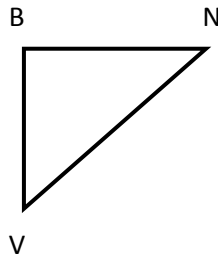


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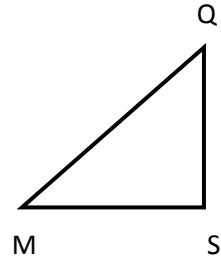
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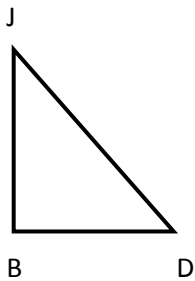
7. In a ΔZXC , $XZ = 29$ and $\angle Z = 63^\circ$ Find XC



8. In a ΔVBN , $VB = 18$ and $\angle V = 43^\circ$ Find BN



9. In a ΔMQS , $MQ = 29$ and $\angle M = 53^\circ$ Find MS



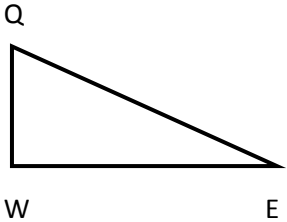
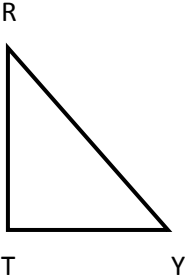
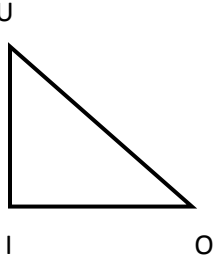
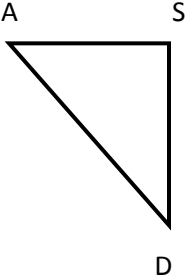
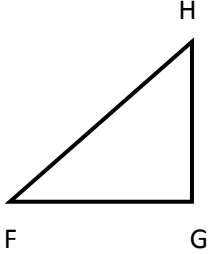
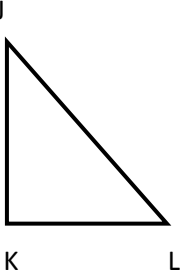
10. In a ΔJBD , $JB = 23$ and $\angle J = 58^\circ$ Find BD



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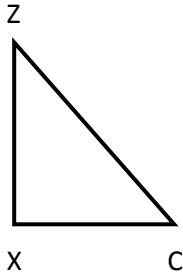
Topic : Trigonometric Ratios- Worksheet 5

 <p>1. In a $\triangle QWE$, $WE = 15$ and $\angle E = 46^\circ$ Find QE</p>	 <p>2. In a $\triangle RTY$, $RT = 26$ and $\angle R = 31^\circ$ Find RY</p>	 <p>3. In a $\triangle UIO$, $UO = 40$ and $\angle O = 28^\circ$ Find IO</p>
 <p>4. In a $\triangle ASD$, $AS = 54$ and $\angle D = 61^\circ$ Find SD</p>	 <p>5. In a $\triangle FGH$, $FG = 80$ and $\angle H = 52^\circ$ Find HG</p>	 <p>6. In a $\triangle JKL$, $JK = 26$ and $\angle L = 39^\circ$ Find LK</p>

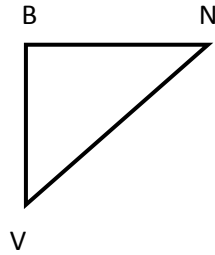


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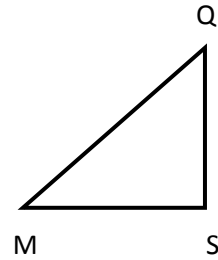
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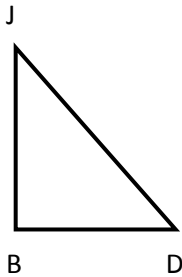
7. In a $\triangle ZXC$, $XZ = 35$ and $\angle Z = 59^\circ$ Find XC



8. In a $\triangle VBN$, $VB = 45$ and $\angle V = 34^\circ$ Find BN



9. In a $\triangle MQS$, $MQ = 70$ and $\angle M = 55^\circ$ Find MS



10. In a $\triangle JBD$, $JB = 42$ and $\angle J = 59^\circ$ Find BD

