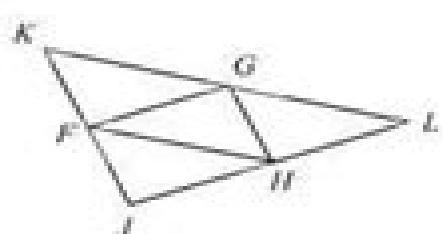


3. If F , G , and H are the midpoints of the sides of $\triangle JKL$, $FG = 37$, $KL = 48$, and $GH = 30$, with G between F and H , find each measure.



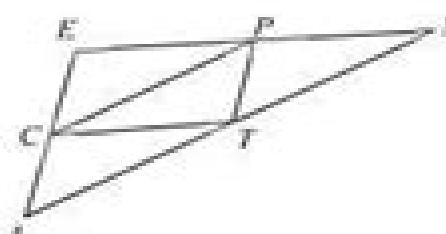
a) $FH =$ _____

b) $JL =$ _____

c) $KJ =$ _____

d) $FJ =$ _____

4. If C , P , and T are the midpoints of the sides of $\triangle AEN$, $PT = 13$, $EN = 43$, and $CP = 29$, with P between C and T , find each measure.



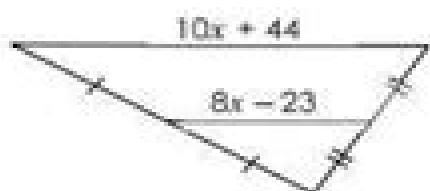
a) $AE =$ _____

b) $AN =$ _____

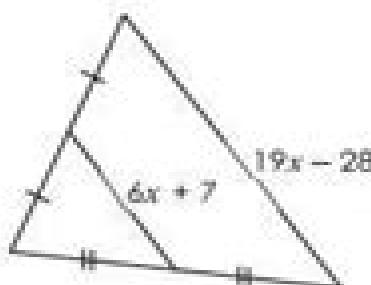
c) $CT =$ _____

d) Perimeter of $\triangle AEN$: _____

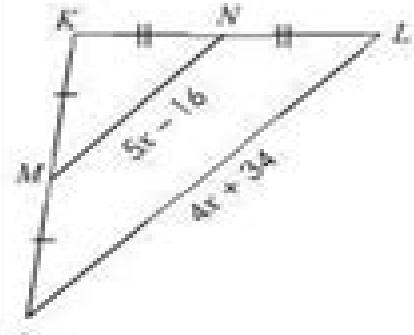
5. Solve for x .



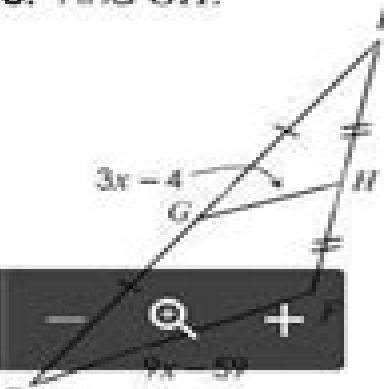
6. Solve for x .



7. Find JL .



8. Find GH .



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web a key barrier for low carbon hydrogen is the cost gap with hydrogen from unabated fossil fuels at present producing hydrogen from fossil fuels is the cheapest option in most parts of the world depending on regional gas prices the levelised cost of hydrogen production from natural gas ranges from usd 0.5 to usd 1.7 per kilogramme kg

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web oct 6 2021 the former is the more mature and most common used industrially as it is a cost effective method that deploys cracking or reforming fossil based fuels in 2016 hydrogen production globally was about 85 million tonnes used in petroleum metal industry fertiliser food processing semiconductor production power plants and

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web jul 22 2022 the fossil fuels based hydrogen production plants can also be modified or expanded to integrate ccs ccus systems to capture the emitted emissions and produce green hydrogen furthermore the key benefits and critical challenges associated with hydrogen production storage transportation and distribution and commercial

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web hydrogen production processes thermochemical processes some thermal processes use the energy in various resources such as natural gas coal or electrolytic processes electrolyzers use electricity to split water into hydrogen and oxygen this technology is well direct solar water splitting

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web hydrogen fuel basics thermal processes thermal processes for hydrogen production typically involve steam reforming a high temperature electrolytic processes water can be separated into oxygen and hydrogen through a process called electrolysis solar driven processes solar driven processes use