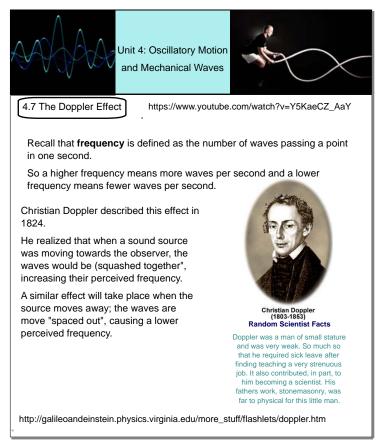
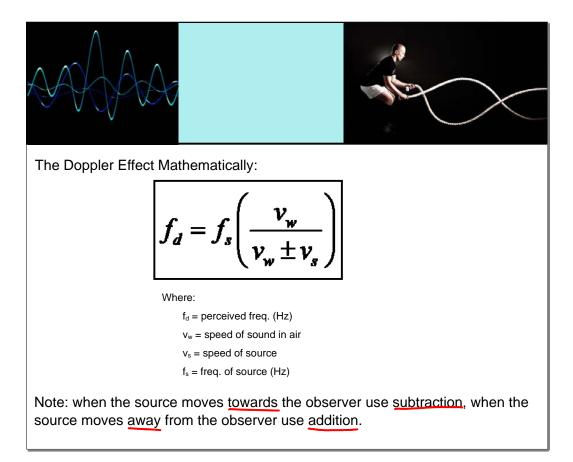
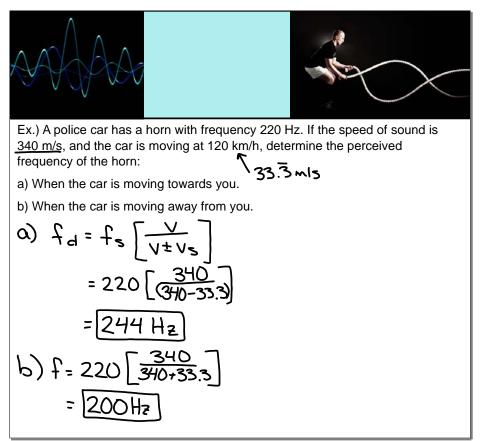
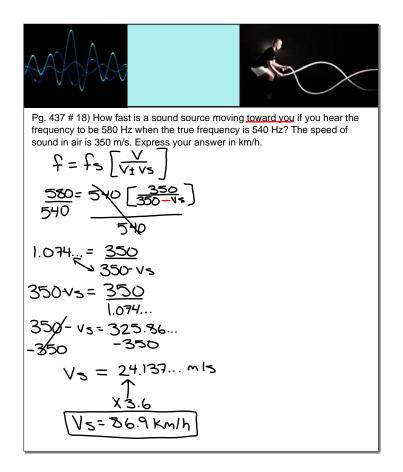
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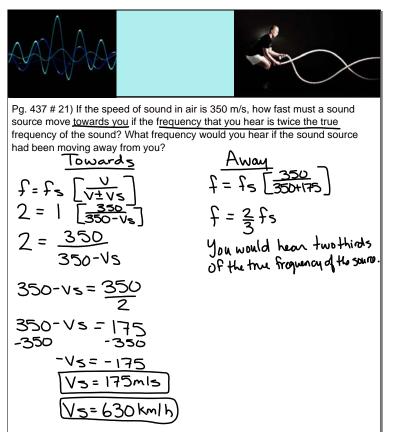


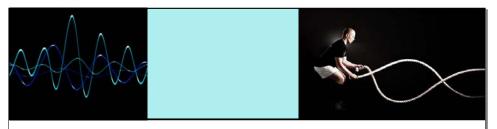


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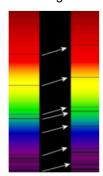
Although Doppler originally intended his equation to be used for sound waves, it applies to other waves, like light waves, as well.

When dealing with light we typically change from frequencies to wavelengths.



Red shift occurs when the source of light is moving away from the observer.

Blue shift occurs when the source is moving towards the observer.



Astronomers have shown that light from distant stars is red shifted. This has lead to the conclusion that the universe is expanding or moving away from some central point.

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