

CHAPTER 6:

Sinusoidal Functions

NOTE: Answers are given to the same number of decimal points as the numbers in each question.

Getting Started, p. 344

1. a) x represents the number of times the price is reduced by \$2. The factor $(30 - 2x)$ represents the price of one T-shirt in terms of the number of times the price is reduced; the factor $(100 + 20x)$ represents the total number of T-shirts sold in terms of the number of times the price is reduced.

b) Since the revenue generated by T-shirt sales can be modelled by the function

$$R(x) = (30 - 2x)(100 + 20x), \text{ for } R(x)$$

to be equal to 0, one or both of the factors must be equal to 0. $100 + 20x$ can only be equal to 0 if x is negative, and this is not possible. Therefore, $30 - 2x = 0$.

$$-2x = -30$$

$$x = 15 \text{ times}$$

c) Create a table with two columns. In the first column put the number of price reductions.

In the second column, put the corresponding revenue. Continue until the revenue starts to decrease.

Number of Price Reductions	Revenue (dollars) $R(x) = (30 - 2x)(100 + 20x)$
0	3000
1	3360
2	3640
3	3840
4	3960
5	4000
6	3960

The price will have to be dropped 5 times to reach the maximum revenue.

d) From the table created in part c, it's apparent that the maximum revenue is \$4000.

e) The price of a T-shirt is equal to $30 - 2x$, so to obtain the maximum revenue, the T-shirts will sell for $30 - 2(5)$ or 20 dollars.

f) The number of T-shirts sold is equal to $100 + 20x$, so to obtain the maximum revenue, $100 + 20(5)$ or 200 T-shirts will be sold.

2. a)



The puck travelled 180 cm to the opposite end of the table in the first 0.25 s and 180 cm back in the next 0.25 s for a total distance of 360 cm.

b) The puck was farthest away from where it was shot when it was 180 cm away, and this occurred after 0.25 s.

c) The puck travelled 180 cm in the first 0.25 s.

$$\frac{180 \text{ cm}}{0.25 \text{ s}} = \frac{720 \text{ cm}}{1 \text{ s}} = 720 \text{ cm/s}$$

d) The domain is all possible values of the time, or t , while the range is all possible values of the distance, or d . Therefore, the domain is $\{t \in \mathbf{R} \mid 0 \leq t \leq 0.5\}$, and the range is $\{d \in \mathbf{R} \mid 0 \leq d \leq 180\}$.

3. a)



Within the larger triangle there exist two smaller right triangles. The smaller right triangle with a hypotenuse of 15 cm has the measurements of two angles given: 40° and 90° . Therefore, the measurement of the unknown angle within that triangle is 50° . With that angle

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Calculus for the Life Sciences Frederick R. Adler, Miroslav Lovric, Applied Mechanics Reviews, 1967

Mathematical Reviews, 2005

Structure and Function in Cell Signalling John Nelson, 2008-08-06

This book contains extremely detailed and informative content on structure and function of ligands receptors and signalling intermediates plus interactions the extent of detail and appropriate referencing is impressive Microbiology Today July 2009 A very well written book suitable for use as a reference or textbook for an undergraduate subject in cell signalling For researchers interested in the molecular basis of cell signalling and how aberrant regulation of cell signalling proteins causes diseases this is an excellent resource of biochemical and structural information Australian Biochemist August 2009 From basics to details this is an elegantly written and carefully edited book The chapters on cell cycle control and oncogenesis are particularly fascinating and valuable to biomedical research This is the book to have if you are interested in molecular mechanisms of signal transduction It is a great introduction to the literature that will be welcomed by students and experts alike Doody's January 2009 This text is a concise and accessible introduction to the dynamic but complex field of signal transduction Rather than simply cataloguing all signalling molecules and delineating every known pathway this book aims to break signalling down into common elements and activities the nuts and bolts of cellular information exchange With an emphasis on clarity of presentation throughout the book teaches the basic principles focusing on a mature core of knowledge providing students with a foundation of learning in this complex and potentially confusing subject It also addresses the issue of variation in the numbering of key amino acids as well as featuring interaction with RasMol software and exercises to aid understanding An accessible introduction to the complex field of cell signalling Interacts with RasMol software freely downloadable for viewing structures in 3D Includes exercises and clear instructions in the use of RasMol Well illustrated in full colour throughout Structure and Function in Cell Signalling is an invaluable resource to students across a range of life science degree programmes including biochemistry cell and molecular biology physiology biomedicine and oncology This book provides a clear accessible introduction to this rapidly expanding field Greenhouses Joe J. Hanan, 2017-11-22 A greenhouse provides an essential means of livelihood to its owner and must be economically practical for the particular climate in which it stands Greenhouses Advanced Technology for Protected Horticulture addresses the major environmental factors of light temperature water nutrition and carbon dioxide and features extensive discussions of greenhouse types construction and climate control The book highlights technology such as hydroponics computer control of environments and advanced mathematical procedures for environmental optimization Greenhouses Advanced Technology for Protected Horticulture is the definitive text reference for the science of greenhouse engineering and management The author Dr Joe J Hanan Professor Emeritus of Colorado State University is the recipient of the Society of American Florists SAF 2000 Millenium Alex Laurie Award for Research and Education The Alex Laurie Award is presented annually to an individual who has made broad scope

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Lehninger Principles of Biochemistry Albert L. Lehninger, David L. Nelson, Michael M. Cox, 2005 CD ROM includes animations living graphs biochemistry in 3D structure tutorials

Introduction to Antennas & Propagation James R. Wait, 1986

Energy Research Abstracts, 1989 Includes all works deriving from DOE other related government sponsored information and foreign nonnuclear information

Aeronautical Engineering Review, 1957

Journal of the American Statistical Association, 2006

Harper's Round Table, 1896

Publishers' circular and booksellers' record, 1895

Musical Courier and Review of Recorded Music, 1913

The English Catalogue of Books ... Sampson Low, 1908

The American Mathematical Monthly, 1922 Includes section Recent publications

IMACS '91, 13th World Congress on Computation and Applied Mathematics Robert Vichnevetsky, John J. H. Miller, 1991

Proceedings Computer Arithmetic Algebra OOP

Elasticity, Plasticity, and Structure of Matter Roelof Houwink, 1958

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