

Solutions

① Number and language

Exercise 1.1 page 5

Prime numbers are:

1. 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97

Exercise 1.2 page 6

1. a) 1, 2, 3, 6
b) 1, 3, 9
c) 1, 7
d) 1, 3, 5, 15
e) 1, 2, 3, 4, 6, 8, 12, 24
f) 1, 2, 3, 4, 6, 9, 12, 18, 36
g) 1, 5, 7, 35
h) 1, 5, 25
i) 1, 2, 3, 6, 7, 14, 21, 42
j) 1, 2, 4, 5, 10, 20, 25, 50, 100

Exercise 1.3 page 6

1. a) 3, 5 b) 2, 3 c) 2, 3 d) 2
e) 2, 5 f) 13 g) 3, 11 h) 5, 7
i) 2, 5, 7 j) 2, 7

Exercise 1.4 page 7

1. a) $2^2 \times 3$ b) 2^5 c) $2^2 \times 3^2$
d) $2^2 \times 5$ e) $2^2 \times 11$ f) $2^2 \times 7$
g) $3^2 \times 5$ h) 3×13 i) $3 \times 7 \times 11$
j) $3^2 \times 7$

Exercise 1.5 page 7

1. a) 4 b) 5 c) 6 d) 3 e) 9
f) 22 g) 8 h) 13 i) 17 j) 12
2. a) 42 b) 60 c) 70 d) 90 e) 120
f) 105 g) 20 h) 231 i) 240 j) 200

Exercise 1.6 page 8

1. a) Rational b) Rational c) Irrational
d) Rational e) Rational f) Rational
g) Irrational h) Rational i) Rational

2. a) Irrational b) Irrational c) Rational
d) Rational e) Rational f) Rational
3. a) Rational b) Irrational c) Rational
d) Rational

Exercise 1.7 page 9

1. a) 5 b) 3 c) 7 d) 10 e) 11
f) 13 g) 0.1 h) 0.2 i) 0.3 j) 0.5
2. Students check their answers
3. a) $\frac{1}{2}$ b) $\frac{1}{3}$ c) $\frac{1}{4}$ d) $\frac{1}{5}$ e) $\frac{1}{6}$
f) $\frac{1}{7}$ g) $\frac{1}{8}$ h) $\frac{1}{9}$ i) $\frac{1}{10}$ j) $\frac{1}{11}$

Exercise 1.8 page 9

1. The following answers are correct to 1 d.p.:
a) 5.9 b) 6.7 c) 7.4 d) 7.7 e) 1.4
2. Students check their answers

Exercise 1.9 page 10

1. a) 2 b) 5 c) 3 d) 0.1 e) 0.3
f) 6 g) 10 h) 100 i) -2 j) -3
k) -10 l) -1

Exercise 1.10 page 10

1. 146 °C
2. a) -\$35 b) -\$318 c) -\$88
d) -\$160 e) \$90
3. 165 m
4. 695 m

Student assessment 1 page 11

1. a) Rational b) Irrational c) Rational
d) Rational e) Rational f) Irrational
2. a) $\frac{1}{2}$ b) 3 c) $\frac{1}{4}$
3. a) 81 b) 225 c) 0.04
d) 0.49
4. a) 12.25 b) 16.81 c) 0.0225

Grade 4 Math Textbook Answers Nelson

Ying-Ying Zheng



Grade 4 Math Textbook Answers Nelson:

Nelson Mathematics 4, Western Edition Boyd, Anne, Mary Louise Kestell, Small, Marian, 2004 *Connect Level 4 Teacher's Edition* Jack C. Richards, Carlos Barbisan, Chuck Sandy, 2009-11-09 Connect Second Edition is a fun four level multi skills American English course especially written and designed for young adolescents The comprehensive interleaved Teacher's Edition 4 provides step by step instructions to present practice and review all new language for Student's Book 4 It also features the audio scripts optional exercises and informative notes *Let's Measure Up: Volume, Mass, Area Gr. 4-6* Rob Nelson, 2005-01-01 Make measuring of Volume Mass and Area a breeze with our activities that are designed to be used for the whole class or small group centers and can be used as extension activities or independent tasks Some activities include Make a Liter Tablespoons Feathers Elephants Shopping can Weigh you Down How Big and Rogues Gallery Each of the 60 activities has simple instructions that will allow each student to work independently and complete the task in a typical single class period Required are simple Math materials such as blocks rulers and centimetre cubes that can be found in most classrooms This Math lesson provides a variety of worksheets creating a well rounded lesson plan **Mathematics in the K-8 Classroom and Library** Sueanne McKinney, KaaVonnia Hinton, 2010-05-11 Two experts on education offer a rich and diverse selection of children's literature and teaching strategies for the K-8 mathematics classroom Taking advantage of quality motivating literature during mathematics instruction pays off especially when teachers and media specialists work together to convey crucial mathematical concepts and standards Mathematics in the K-8 Classroom and Library shows you how it's done After an introduction to the National Council of Teachers of Mathematics's NCTM Principles and Process Standards each remaining chapter is devoted to an NCTM content standard The book offers engaging research based strategies and booklists of specific titles that together can be used to increase student achievement The strategies suggested here provide a hands on student centered focus that allows students to make connections with prior learning personal experiences and good books Both the recommended children's books and the activities will appeal even to reluctant readers and students for whom mathematics might be a challenge Each chapter includes an extensive annotated list of texts dozens of hands on activities handouts and writing prompts *New National Framework Mathematics 8* M. J. Tipler, 2003 New National Framework Mathematics features extensive teacher support materials which include dedicated resources to support each Core and Plus Book The 8 Core Teacher Planning Pack contains Teacher Notes for every chapter with a Self contained lesson plan for each of the units in the pupil books **Let's Measure Up: Length, Time, Perimeter Gr. 4-6** Rob Nelson, 2005-01-01 Make measuring of Length Time and Perimeter a breeze with our activities that are designed to be used for the whole class or small group centers and can be used as extension activities or independent tasks Some activities include Meter Madness Around the Room Snake Olympics Mini Measuring Time Dominos and a one minute test Each of the 20 activities and 20 timed drill sheets has simple instructions that will allow each student to work independently and

complete the task in a typical single class period Required are simple Math materials such as blocks rulers and centimetre cubes that can be found in most classrooms This Math lesson provides a variety of worksheets creating a well rounded lesson plan

Visions A: Teacher Resource Book Mary Lou McCloskey, Lydia Stack, 2003-04-02 Teacher Resource Book contains Lesson Plans with suggested teaching times Teacher Resources graphic organizers writing skills guides Reading Summaries in English Spanish Haitian Creole Hmong Cambodian Cantonese and Vietnamese School Home Connection newsletter in seven languages CNN Video Scripts and Video Worksheets and Answer Key to Activity Book

Nelson Mathematics 4 Mary Louise Kestell, Boyd, Anne, Small, Marian, 2004

The Cumulative Book Index, 1967 A world list of books in the English language

Resources for Teaching Elementary School Science National Science Resources Center of the National Academy of Sciences and the Smithsonian Institution, 1996-03-28 What activities might a teacher use to help children explore the life cycle of butterflies What does a science teacher need to conduct a leaf safari for students Where can children safely enjoy hands on experience with life in an estuary Selecting resources to teach elementary school science can be confusing and difficult but few decisions have greater impact on the effectiveness of science teaching Educators will find a wealth of information and expert guidance to meet this need in *Resources for Teaching Elementary School Science* A completely revised edition of the best selling resource guide *Science for Children* Resources for Teachers this new book is an annotated guide to hands on inquiry centered curriculum materials and sources of help in teaching science from kindergarten through sixth grade Companion volumes for middle and high school are planned The guide annotates about 350 curriculum packages describing the activities involved and what students learn Each annotation lists recommended grade levels accompanying materials and kits or suggested equipment and ordering information These 400 entries were reviewed by both educators and scientists to ensure that they are accurate and current and offer students the opportunity to Ask questions and find their own answers Experiment productively Develop patience persistence and confidence in their own ability to solve real problems The entries in the curriculum section are grouped by scientific area Life Science Earth Science Physical Science and Multidisciplinary and Applied Science and by type core materials supplementary materials and science activity books Additionally a section of references for teachers provides annotated listings of books about science and teaching directories and guides to science trade books and magazines that will help teachers enhance their students science education *Resources for Teaching Elementary School Science* also lists by region and state about 600 science centers museums and zoos where teachers can take students for interactive science experiences Annotations highlight almost 300 facilities that make significant efforts to help teachers Another section describes more than 100 organizations from which teachers can obtain more resources And a section on publishers and suppliers give names and addresses of sources for materials The guide will be invaluable to teachers principals administrators teacher trainers science curriculum specialists and advocates of hands on science teaching and it will be of interest to parent teacher organizations and parents

ENC Focus, 2001

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