

CH. 4 Number Theory and Fractions

Lesson: 4-1 Divisibility
Author: Mr. Hilvers
Endorsed: ...
Level: Grade 6

****Correct Homework, if any****

Lesson Objective

Students use divisibility rules.

Teaching Procedure

Read/discuss p. 156-157. Work p. 158 #1-12 at the board.

Homework Assignment

Workbook 4-1.

Lesson: 4-2 Fractions and prime factorization
Author: Mr. Hilvers
Endorsed: ...
Level: Grade 6

****Correct Homework, if any****

Lesson Objective

Learn to write prime factorizations of composite numbers.

Teaching Procedure

Read/discuss p. 161-162. Work p. 163 #1-8 at the board.

Homework Assignment

Workbook 4-2.

Lesson: 4-3 Greatest common factor
Author: Mr. Hilvers
Endorsed: ...
Level: Grade 6

****Correct Homework, if any****

Lesson Objective

Learn to find the greatest common factor of a set of numbers.

Teaching Procedure

Read/discuss p. 165-166. Work p. 167 #1-7 at the board.

Homework Assignment

Workbook 4-3.

Lesson: 4-4 Decimals and fractions
Author: Mr. Hilvers
Endorsed: ...
Level: Grade 6

****Correct Homework, if any******Lesson Objective**

Learn to convert between decimals and fractions.

Teaching Procedure

Read/discuss p. 175-176. Work p. 177 #1-11 at the board.

Homework Assignment

Workbook 4-4.

Lesson: 4-5 Equivalent fractions
Author: Mr. Hilvers
Endorsed: ...
Level: Grade 6

****Correct Homework, if any******Lesson Objective**

Learn to write equivalent fractions.

Teaching Procedure

Read/discuss p. 180-181. Work p. 182 #1-12 at the board.

Homework Assignment

Workbook 4-5.

Lesson: 4-6 Mixed numbers and improper fractions
Author: Mr. Hilvers
Endorsed: ...
Level: Grade 6

****Correct Homework, if any******Lesson Objective**

Learn to convert between mixed numbers and improper fractions.

Teaching Procedure

Read/discuss p. 186-187. Work p. 188 #1-5 at the board.

Homework Assignment

Workbook 4-6.

Lesson: 4-7 Comparing and ordering fractions
Author: Mr. Hilvers
Endorsed: ...
Level: Grade 6

****Correct Homework, if any******Lesson Objective**

Learn to use pictures and number lines to compare and order fractions.

Teaching Procedure

Read/discuss p. 192-193. Work p. 194 #1-9 at the board.

Homework Assignment

Workbook 4-7.

Lesson: 4-8 Adding and subtracting w/like denominators
Author: Mr. Hilvers
Endorsed: ...
Level: Grade 6

****Correct Homework, if any****

Lesson Objective

Learn to add and subtract fractions with like denominators.

Teaching Procedure

Read/discuss p. 196-197. Work p. 189 #1-9 at the board.

Homework Assignment

Workbook 4-8.

Lesson: 4-9 Estimating fraction sums and differences
Author: Mr. Hilvers
Endorsed: ...
Level: Grade 6

****Correct Homework, if any****

Lesson Objective

Learn to estimate sums and differences of fractions and mixed numbers.

Teaching Procedure

Read/discuss p. 200-201. Work p. 202 #1-6 at the board.

Homework Assignment

Workbook 4-9.

Lesson: Test
Author: Mr. Hilvers
Endorsed: ...
Level: Grade 6

****Correct Homework, if any****

Student Evaluation

Administer test on p. 211.