

Rising Pre-algebra – Summer Work
Select Grade 6

A.7Add and subtract whole numbers:
word problems

B.1Multiply whole numbers

B.6Multiply three or more numbers

C.1Divisibility rules

C.5Divide whole numbers - 2-digit divisors

E.5Prime factorization

E.7Greatest common factor

E.9Least common multiple

F.5Inequalities with
decimals

F.6Round decimals_

G.2Add and subtract decimals: word
problems_

H.2Multiply decimals_

H.6Multiply and divide decimals by
powers of ten

H.7Division with decimal quotients_

I.4Equivalent fractions review

I.7Compare fractions with like and
unlike denominators

I.12Convert between decimals
and fractions_

I.13Convert between decimals
and mixed numbers_

J.6 Add and subtract mixed numbers

K.13Multiply mixed numbers_

L.7Divide fractions and mixed
numbers_

R.11Unit rates: word problems_

R.13Solve the proportion

S.2Convert between percents, fractions,
and decimals

S.8Find what percent one number is of
another

S.10Find the total given a part and
a percent

T.3Convert and compare customary units

T.4Convert, compare, add, and subtract
mixed customary units

T.5Multiply and divide mixed customary
units

T.7Convert and compare metric units

V.7Percents - calculate tax, tip, mark-up,
and more

CC.2Measure and classify angles

FF.1Perimeter

FF.2Area of rectangles and squares

FF.3Area of triangles

FF.11Circles: calculate area,
circumference, radius, and diameter