

Rising Pre-algebra – Summer Work  
Select Grade 6

**A.6**Add and subtract whole numbers:  
word problems

**B.1**Multiply whole numbers

**B.6**Multiply three or more numbers

**C.1**Divisibility rules

**C.5**Divide whole numbers - 2-digit divisors

**E.5**Prime factorization

**E.7**Greatest common factor

**E.8**Least common multiple

**F.4**Convert decimals to mixed numbers

**F.6**Inequalities with decimals

**F.7**Round decimals

**G.2**Add and subtract decimals: word  
problems

**H.2**Multiply decimals

**H.6**Multiply and divide decimals by  
powers of ten

**H.7**Division with decimal quotients

**I.3**Equivalent fractions review

**I.7**Compare fractions with like and unlike  
denominators

**I.10**Convert between decimals and  
fractions or mixed numbers

**J.6**Add and subtract mixed numbers

**K.11**Multiply mixed numbers

**L.7**Divide fractions and mixed numbers

**R.9**Unit rates: word problems

**R.11**Solve the proportion

**S.1**Convert between percents, fractions,  
and decimals

**S.7**Find what percent one number is of  
another

**S.9**Find the total given a part and a  
percent

**T.3**Convert and compare customary units

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

**T.5**Multiply and divide mixed customary  
units

**T.7**Convert and compare metric units

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

**CC.2**Measure and classify angles

**FF.1**Perimeter

**FF.2**Area of rectangles and squares

**FF.3**Area of triangles

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