CGI Problems

Multiplication & Division
2nd Grade – Grouping/Partitioning

Multiplication:
Austin has ____ apple trees. There are ____ apples on each tree. How many apples are there all together?
   a) 3, 4      b) 6, 12      c) 13, 8

Measurement Division:
Austin has some apple trees. There are ____ apples on each tree. All together there are ____ apples. How many apple trees does Austin have?
   a) 6, 18     b) 9, 22     c) 21, 49

Partitive Division:
Kourtney has ____ braids in her hair. There are the same number of beads on each braid. She has ____ beads in her hair. How many beads are on each braid?
   a) 4, 12     b) 8, 24     c) 12, 24

2nd Grade - Rate

Multiplication:
Erin runs ____ miles an hour. How many miles does she run in ____ hours?
   a) 2, 6       b) 4, 7       c) 11, 9

Measurement Division:
Erin shoots ____ baskets an hour. How many hours will it take her to shoot ____ baskets?
   a) 3, 6        b) 4, 12

2nd Grade - Price

Multiplication:
A sled costs ____. If Sam wants to buy ____ sleds, how much will they cost all together?
   a) $5, 7       b) $7, 9       c) $14, 4

Measurement Division:
A jump rope costs _____. How many jump ropes can you buy for ____?
   a) 50 cents, $4    b) $3, $14     c) $6, $35
2nd Grade – Multiplication Comparison

Multiplication:
Our school is ____ times as tall as Cynthia. Cynthia is ____ feet tall.
How tall is our school?
   a)  2, 4    b)  4, 3    c) 12, 5

Measurement Division:
Our school is ____ feet tall. Hannah is ____ feet tall. Our school is how many times taller than Hannah?
   a) 16, 4    b) 39, 6    c) 45, 8

3rd Grade – Grouping/Partitioning

Multiplication:
Tyson has ____ calf pens. There are ____ calves in each pen. How many calves does he have all together?
   a) 2, 3    b) 9, 5    c) 12, 5

Mary has ____ marbles in each of her ____ jars. How many marbles does she have all together?
   a) 2, 4    b) 7, 3    c) 12, 5

John has ____ tomato plants. There are ____ tomatoes on each plant. How many tomatoes are there all together?
   a) 2, 6    b) 5, 7    c) 9, 8

Measurement Division:
Hannah had some bags of candy. There are ___ pieces in each bag. If there are ____ total pieces, how many bags does Hannah have?
   a) 2, 10    b) 4, 36    c) 8, 88

Hayden has toy cars. There are ____ cars on each track. All together there are ____ cars. How many tracks does he have?
   a) 2, 8    b) 5, 35    c) 8, 72

Mary has ____ marbles. She wants to put ____ marbles in each jar. How many jars will she need?
   a) 9, 3    b) 21, 3    c) 63, 9

John has some tomato plants. There are ____ tomatoes on each plant. If he has ____ tomatoes all together, how many tomato plants does he have?
   a) 6, 24    b) 10, 80    c) 17, 51
3rd Grade – Grouping/Partitioning

Partitive Division
Ethan collects cars. He has ____ boxes to put them in. He has ____ cars and wants to put the same number of cars in each box. How many cars will go in each box?
   a) 4, 24  b) 6, 54  c) 6, 72

Sam has ____ flower plants. There is the same number of buds on each plant. All together there are ____ buds. How many buds are there on each plant?
   a) 3, 12  b) 6, 30  c) 12, 60

Mary has ____ marbles. She wants to put the same amount of marbles in each jar. If she has ____ jars, how many marbles will she put in each?
   a) 8, 2  b) 35, 7  c) 72, 8

John has ____ tomato plants. All together he has ____ tomatoes. If there is the same number of tomatoes on each plant, how many tomatoes are on each plant.
   a) 3, 12  b) 4, 20  c) 7, 63

3rd Grade – Rate

Multiplication:
Sierra loves to ride bike. She rides at a speed of ____ miles per hour. How many miles does she ride in ____ hours?
   a) 3, 5  b) 5, 8  c) 6, 7

Aubrey walks ____ miles an hour. How many miles does she walk in ____ hours?
   a) 4, 3  b) 9, 8  c) 6, 11

Susan jogs ____ miles an hour. How many miles does she jog in ____ hours?
   a) 5, 5  b) 6, 6  c) 7, 7

Kacy walks ____ miles an hour. How many miles does she walk in ____ hours?
   a) 3, 4  b) 5, 6  c) 9, 8
3rd Grade – Rate

Measurement Division:
Tyler can ride his bike ____ miles in an hour. If he lives ____ miles from town, how long will it take him to ride to town?
a) 3, 15  b) 7, 49  c) 6, 72

Taylor walks ____ miles an hour. How many hours will it take her to walk ____ miles?
a) 3, 21  b) 4, 36  c) 8, 72

Susan jogs ____ miles an hour. How many hours will it take her to jog ____ miles?
a) 5, 25  b) 6, 36  c) 7, 35

Kacy walks ____ miles an hour. How many hours will it take her to walk ____ miles?
a) 4, 8  b) 6, 36  c) 8, 72

Partitive Division:
Taylor made ____ pies for the carnival. It took her ____ hours to make them all. How long did it take her to make 1 pie?
a) 15, 5  b) 18, 3  c) 17, 5

Claudia walked ____ hours. If she walked the same speed the whole way, many miles did she walk in 1 hour?
a) 27, 3  b) 15, 5  c) 72, 8

Susan jogs ____ miles. If she jogged the same speed the whole distance, how far did she jog in one hour?
a) 25, 5  b) 30, 6  c) 35, 7

Kacy walked ____ miles. If she walked the same speed the whole way, many miles did she walk in 1 hour?
a) 15, 5  b) 20, 10  c) 48, 12

3rd Grade – Price

Multiplication:
Baseball cards cost ____ per set. How much would ____ sets cost?
a) $2, 6  b) $1.50, 6  c) $3.50, 6

Cookies cost ____ each. How much do ____ cookies cost?
a) $2, 12  b) $9, 4  c) $4, 11

Gumballs cost ____ cents each. How much would ____ gumballs cost?
a) 3, 7  b) 4, 8  c) 5, 9

Circus tickets cost ____ each. How much do ____ tickets cost?
a) $2, 20  b) $7, 8  c) $12, 10
3rd Grade – Price

Measurement Division:
Circus tickets cost ____ each. How many tickets can you buy with ____?
   a) $5, $35  b) $8, $40  c) $18, $54

Dolls cost ____ each. How many dolls can you buy with ____?
   a) $5, $30  b) $8, $75  c) $12, $75

Cookies cost ____ each. How many cookies can you buy for ____?
   a) $7, $42  b) $4, $28  c) $3, $21

Gumballs cost ____ cents each. How many gumballs can you buy for ____ cents?
   a) 3, 18  b) 4, 20  c) 5, 30

Partitive Division:
Susie bought ____ candy bars. She spent a total of ____. If each candy bar cost the same amount, how much did each candy bar cost?
   a) 10, $20  b) 7, $21  c) 7, $10.50

Shawn bought ____ cookies. He spent a total of ____. If each cookie cost the same amount, how much did one cookie cost?
   a) 7, $28  b) 5, $60  c) 9, $108

Mary bought ____ gumballs. He spent a total of ____ cents. How much did each gumball cost?
   a) 5, 30  b) 6, 24  c) 7, 21

Mike bought ____ tickets. He spent ____ dollars. If each ticket cost the same amount, how much did one ticket cost?
   a) 7, 28  b) 9, 63  c) 12, 120

3rd Grade – Multiplication Comparison

Multiplication:
I am ____ times as old as my friend. If my friend is ____, how old am I?
   a) 3, 14  b) 2, 18  c) 5, 9

Kmart is ____ times as tall as Walmart. If Walmart is ____ feet tall. How tall is Kmart?
   a) 3, 5  b) 7, 5

My dog is ____ times as tall as my cat. The cat is ____ inches tall. How tall is my dog?
   a) 2, 10  b) 3, 9  c) 4, 8

The giraffe in the zoo is ____ times taller than the kangaroo. The kangaroo is ____ tall. How tall is the giraffe?
   a) 3, 5  b) 4, 7  c) 6, 12
3rd Grade – Multiplication Comparison

Measurement Division:
My neighbor, Fred, is ____ years old. My other neighbor, George, is ____ years old. How many times older is Fred than George?

a) 56, 7  
b) 81, 9  
c) 84, 7

The Walmart is ____ feet tall. The Kmart is ____ feet tall. The Walmart is how many times taller than Kmart?

a) 14, 7  
b) 28, 4  

The giraffe is ____ feet tall. The kangaroo is ____ feet tall. The giraffe is how many times taller than the kangaroo?

a) 10, 2  
b) 18, 6  
c) 32, 8

Partitive Division:
My big brother weighs ____ pounds. He is ____ times as big as my dog. How much does my dog weigh?

a) 70, 7  
b) 150, 3  
c) 225, 5

Walmart is ____ feet tall. Kmart is ____ times as tall as Walmart. How tall is Kmart?

a) 27, 3  
b) 81, 9  
c) 56, 7

4th Grade – Grouping/Partitioning

Multiplication:
Joe has ____ bags of candy. There are ____ pieces of candy in each bag. How many pieces of candy in all?

a) 3, 36  
b) 6, 48  
c) 9, 63

Bob has ____ bags. There are ____ marbles in each bag. How many marbles does Bob have all together?

a) 7, 8  
b) 12, 7  
c) 38, 11

Mike has ____ cases of pop. Each case contains ____ cans. How many cans of pop does Mike have?

a) 4, 24

Joe has ____ bags of candy. There are ____ pieces in each bag. How many pieces of candy does he have all together?

a) 7, 8  
b) 5, 12  
c) 12, 25
4th Grade – Grouping/Partitioning

Measurement Division:
My neighbor, Fred, is ____ years old. My other neighbor, George, is ____ years old. How many times older is Fred than George?
   a) 56, 7  b) 81, 9  c) 84, 7

The Walmart is ____ feet tall. The Kmart is ____ feet tall. The Walmart is how many times taller than Kmart?
   a) 14, 7  b) 28, 4

The giraffe is ____ feet tall. The kangaroo is ____ feet tall. The giraffe is how many times taller than the kangaroo?
   a) 10, 2  b) 18, 6  c) 32, 8

Partitive Division:
My big brother weighs ____ pounds. He is ____ times as big as my dog. How much does my dog weigh?
   a) 70, 7  b) 150, 3  c) 225, 5

Walmart is ____ feet tall. Kmart is ____ times as tall as Walmart. How tall is Kmart?
   a) 27, 3  b) 81, 9  c) 56, 7

4th Grade – Rate

Multiplication:
Joe has ____ bags of candy. There are ____ pieces of candy in each bag. How many pieces of candy in all?
   a) 3, 36  b) 6, 48  c) 9, 63

Bob has ____ bags. There are ____ marbles in each bag. How many marbles does Bob have all together?
   a) 7, 8  b) 12, 7  c) 38, 11

Mike has ____ cases of pop. Each case contains ____ cans. How many cans of pop does Mike have?
   a) 4, 24

Joe has ____ bags of candy. There are ____ pieces in each bag. How many pieces of candy doe he have all together?
   a) 7, 8  b) 5, 12  c) 12, 25