**Math Tailgate**

Description:

This activity has students answering questions from several different content areas of mathematics. These include area, fractions, operations with integers, and simplifying expressions. There will be 5 questions in each round and the number of correct answers is the number of attempts you will receive.

Materials Needed:

* Ladder Golf set
* Football
* Hula-hoop
* Putt-putt hole
* Putter and golf balls
* Worksheets of problems
* Plastic cups
* Glass bowls
* Fish
* Ping-Pong balls



Directions:

* There are five questions in each round.
* Each round has a minute and a half time limit to answer questions and two minutes for the activity.
* The number of questions correct dictates the number of attempts you receive.
* Activity one is golf, two is football, three is ladder golf and four is Fish pong.
* A hole in one receives 10 points, the ladder points are 1,3 and 5, and the distances for football are worth 2, 4 and 6 points, and the cups are worth 5 and the bowls are worth 10 points.
* Each member of the team with the largest total number of points will receive a fish.
* The overall winners receive the Mathematics Lombardi Trophy!

Round 1

Find the area of the following rectangles

7 cm

8 cm

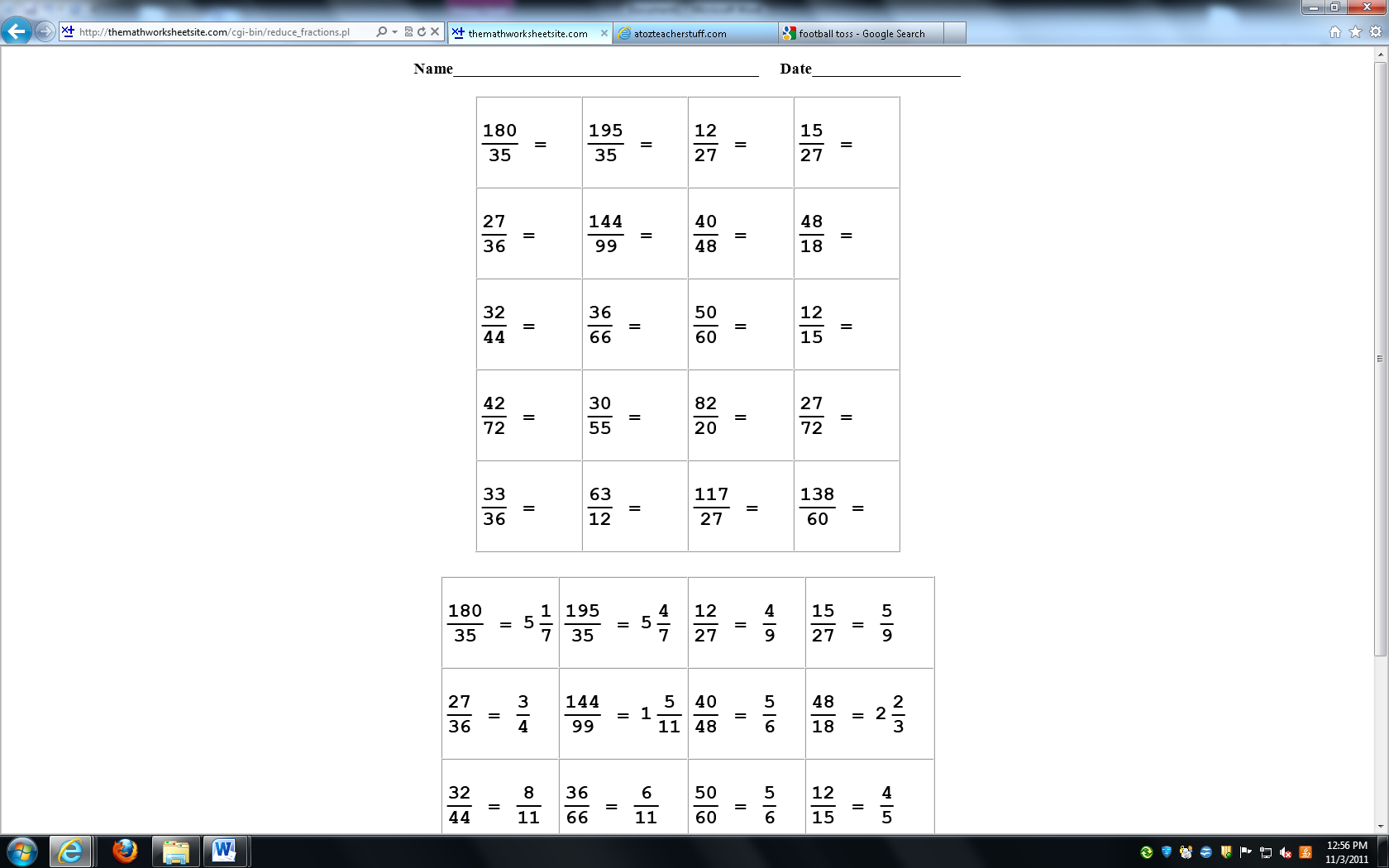
6cm

14 cm

8 cm

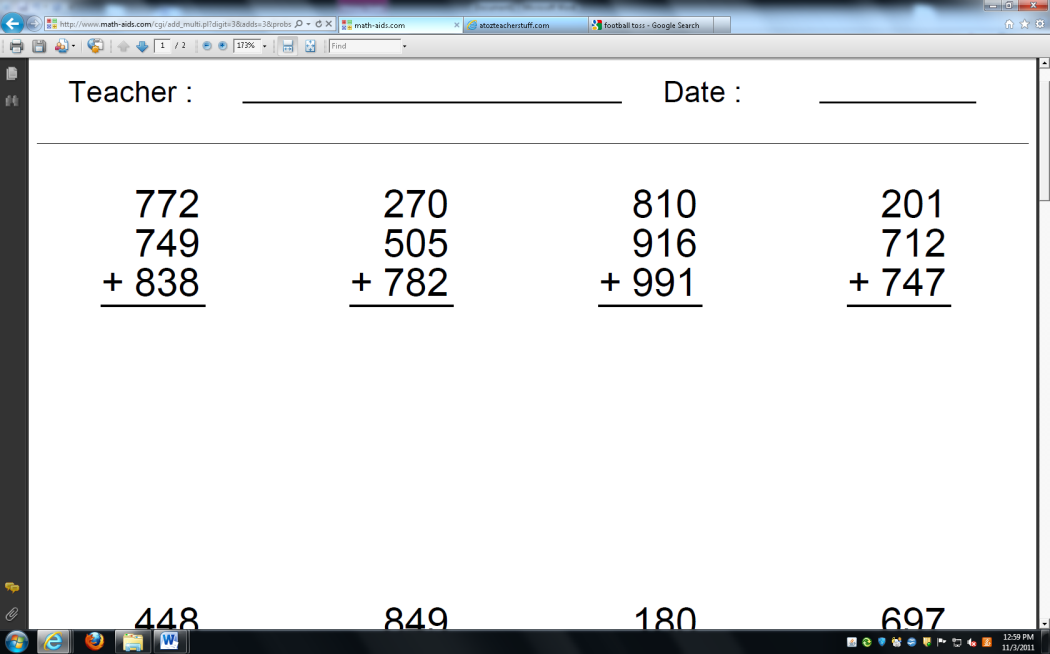
14cm

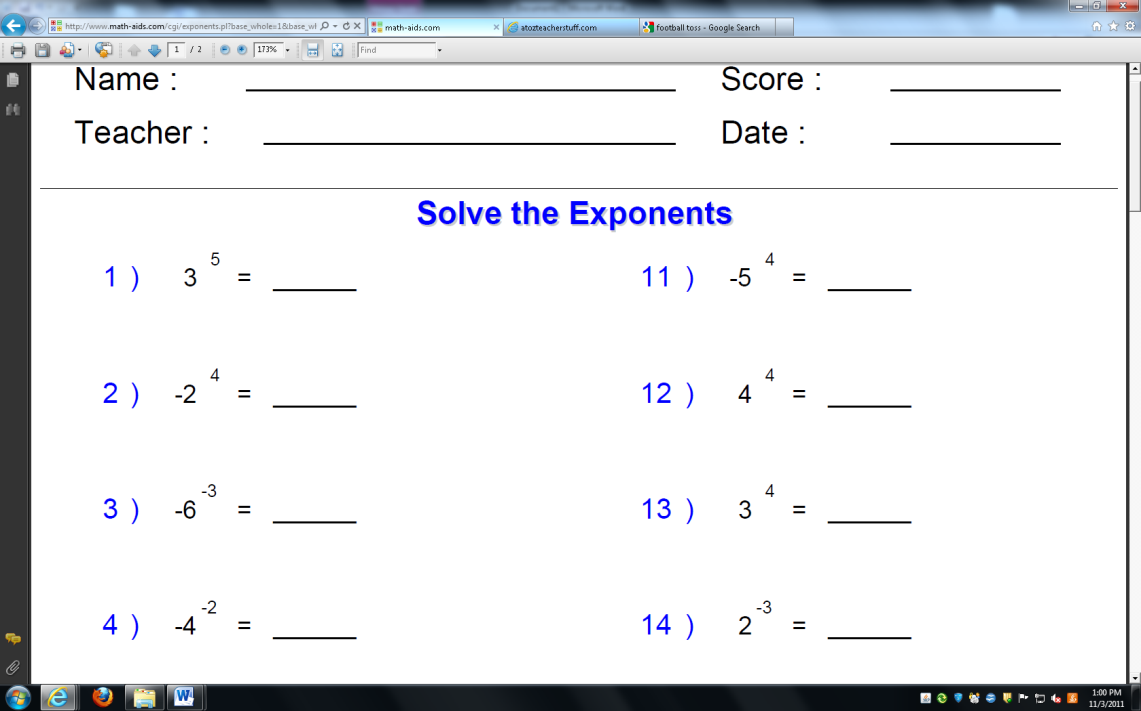
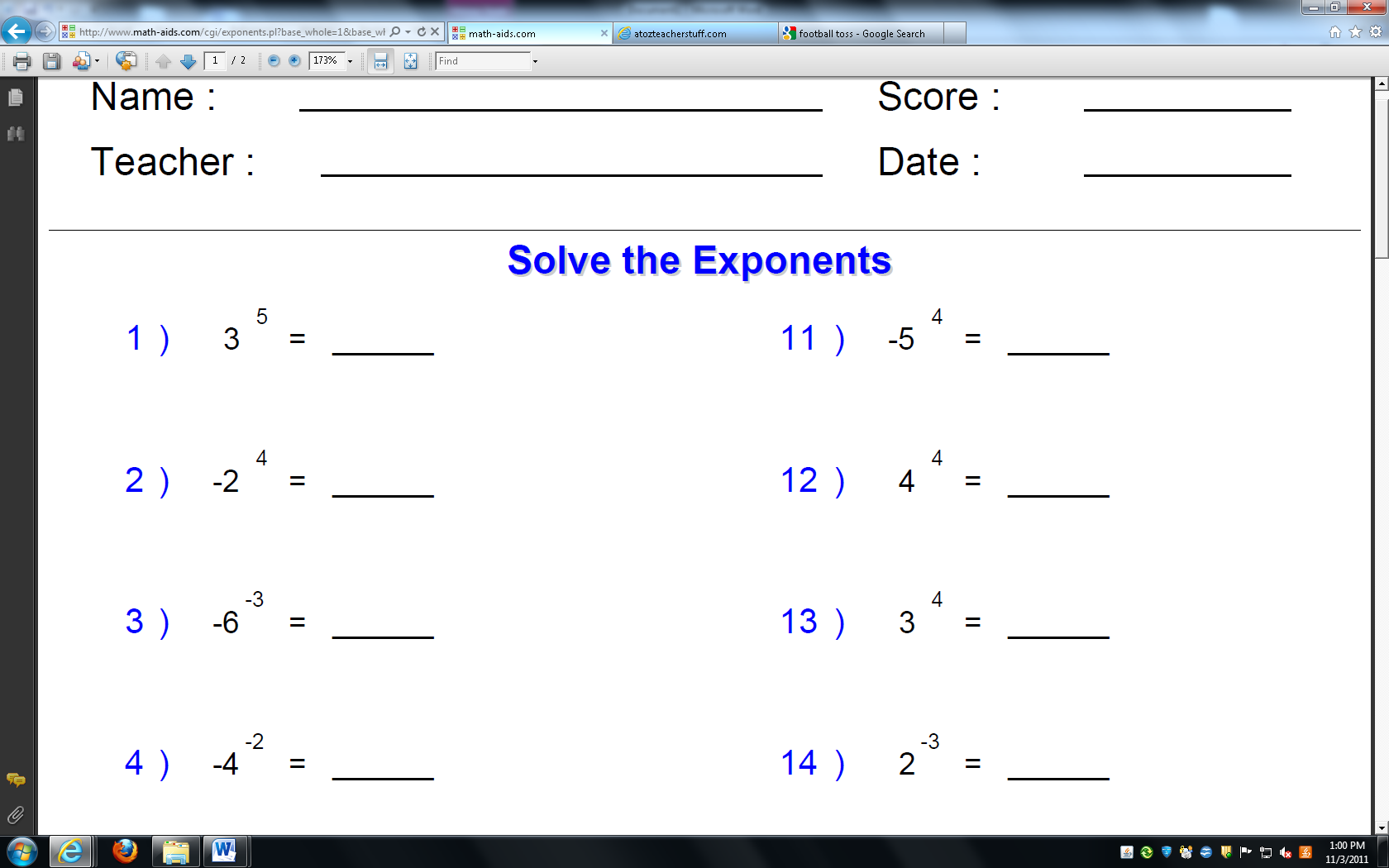
Round 2

Write each fraction in reduced form

Round 3

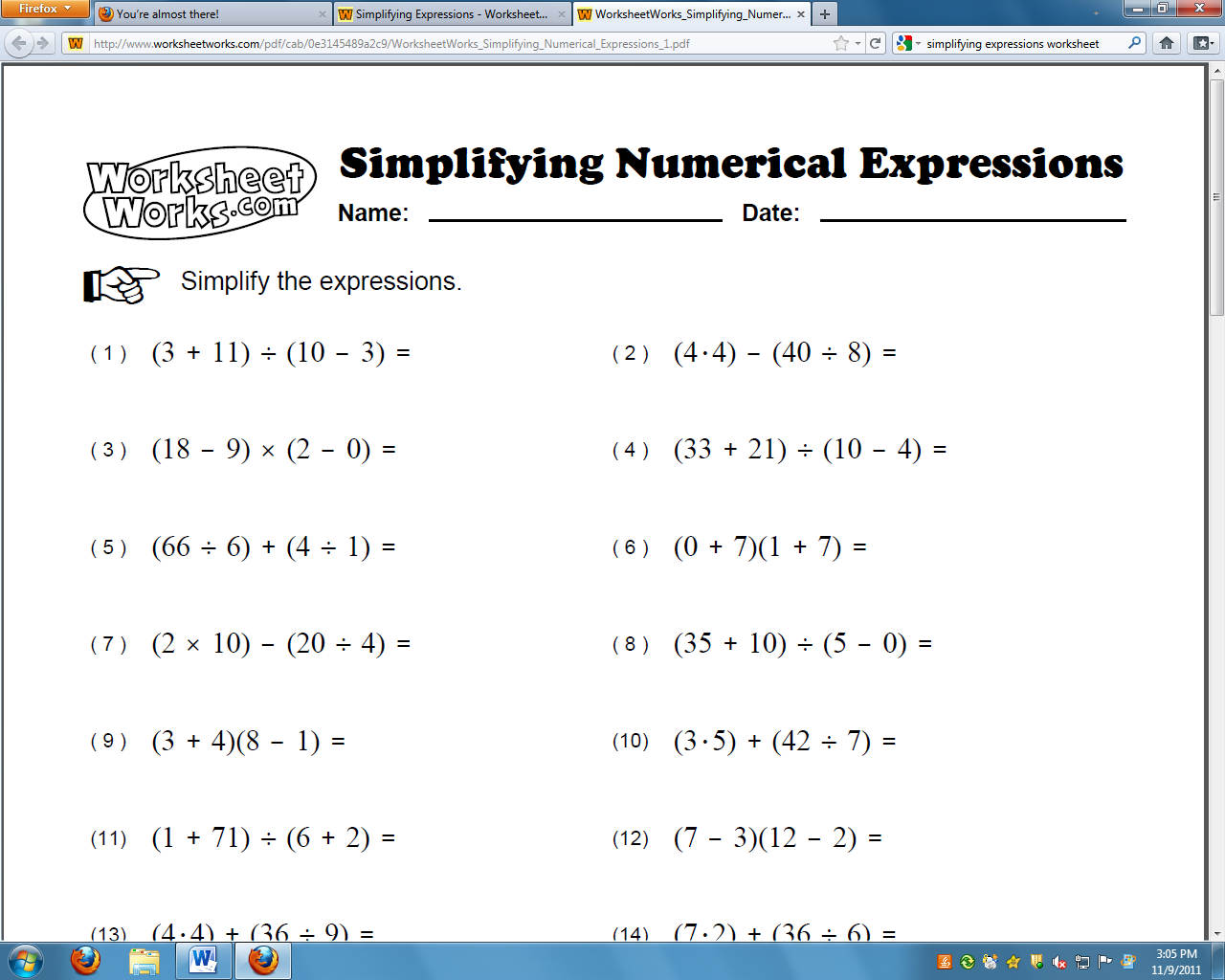
Perform the following operations

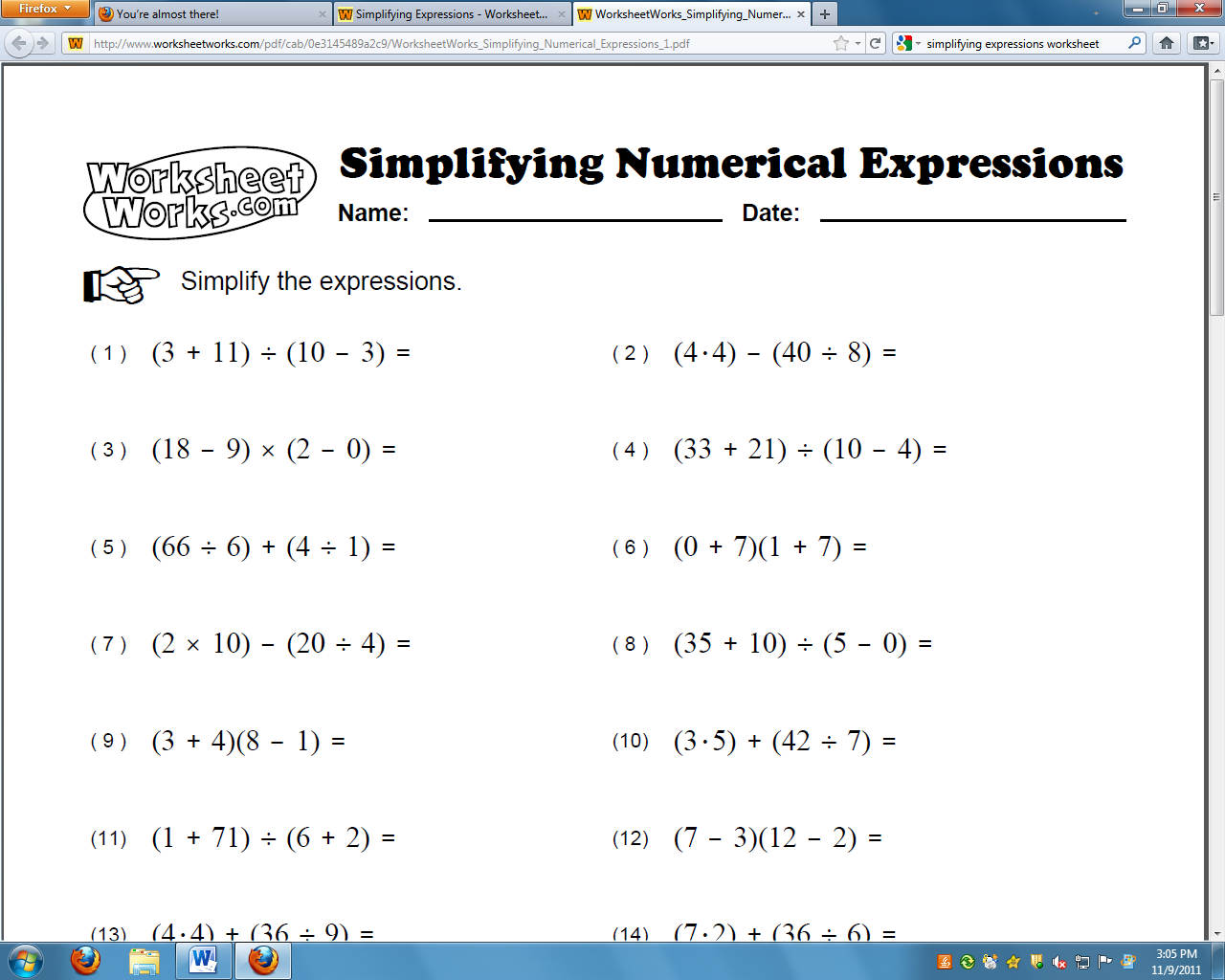




Round 4

Simplify the following expressions.





1)224 2)104 3)98 4)36/7 5)39/7 6)4/9 7)5/9 8)2359 9)1557 10)243 11)625 12)33/7 13)11 14)18 15)9