



## Simplify proper fractions (harder)

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### Grade 6 Fraction Worksheet

Simplify the fractions.

1.  $\frac{30}{84} =$  \_\_\_\_\_

2.  $\frac{14}{175} =$  \_\_\_\_\_

3.  $\frac{12}{400} =$  \_\_\_\_\_

4.  $\frac{405}{450} =$  \_\_\_\_\_

5.  $\frac{49}{112} =$  \_\_\_\_\_

6.  $\frac{108}{135} =$  \_\_\_\_\_

7.  $\frac{170}{300} =$  \_\_\_\_\_

8.  $\frac{30}{200} =$  \_\_\_\_\_

9.  $\frac{168}{320} =$  \_\_\_\_\_

10.  $\frac{12}{36} =$  \_\_\_\_\_

11.  $\frac{250}{500} =$  \_\_\_\_\_

12.  $\frac{240}{320} =$  \_\_\_\_\_

13.  $\frac{48}{120} =$  \_\_\_\_\_

14.  $\frac{64}{100} =$  \_\_\_\_\_

I did these problems myself without a calculator, internet, or outside help.

Signed: \_\_\_\_\_

## Estimation word problems

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Read and answer each question:

- There are about 795 houses in this region. The average family size is 6 people. There are about \_\_\_\_\_ people living in the region.
  - 4,800
  - 5,000
  - 5,500
- In a town, there are 1,349 families. If there are on average two children attending elementary school from each family and each school can accommodate 220 children, the minimum number of elementary schools needed in the region is \_\_\_\_\_.
  - 6
  - 9
  - 13
- In 2017, a survey finds that there are 34 babies born for every 1,000 families in a city. Among these babies, 20 of them are boys. There are 88,326 families in this city in 2017 and the total number of girls born in this year is about \_\_\_\_\_.
  - 1,200
  - 1,500
  - 1,800
- The population of a city is 67,721 and the neighboring city has a population of 52,103. The difference between two cities is \_\_\_\_\_.
  - 13,000
  - 14,000
  - 16,000
- In 2016, the population of a region was 91,274. In 2017, the population was increased by 6,015. In 2017, the population was about \_\_\_\_\_.
  - 85,000
  - 97,300
  - 99,800
- There are 26,358 children living in this town. Half of the children are boys. There are about \_\_\_\_\_ boys living in this town.
  - 12,800
  - 13,000
  - 13,300



I completed this assignment by myself without using a calculator, internet, or any outside help.

Signed: \_\_\_\_\_