

Homework 28.



1. To prepare 4 portions of seasoning you need $\frac{1}{3}$ teaspoon of salt, $\frac{1}{4}$ teaspoon of pepper and $\frac{1}{2}$ teaspoon of garlic powder. How many teaspoons of salt, pepper, and garlic powder do you need to prepare 30 portions?
2. A pie recipe calls for 4 eggs, 1.5 cup of sugar, and $\frac{2}{3}$ cup of flour. How much sugar and flour do you need to prepare a dough using 9 eggs?
3. A car travels x km in 2 hours and a bus travels x km in 3 hours. How much faster is a car compared to a bus?

4. A snapping turtle and a painted turtle start to go down to the lake at the same time.

The snapping turtle is 80 meters from the lake. It can crawl 125 cm every 5 minutes. The painted turtle is 16 meters further away from the



lake. It can crawl 120 cm every 4 minutes. If they keep on going by their own speeds and never rest, which turtle reaches the lake first?

5. Julia has to write a 32-page paper in 3 days. On the first day, she wrote $\frac{3}{8}$ of the whole paper. On the second day, she wrote $\frac{1}{4}$ of the paper. How many pages does she need to write on the third day?

6. Evaluate:

a. $-3 + \left(-1\frac{1}{5}\right);$

b. $-3\frac{8}{19} + \left(-1\frac{11}{19}\right);$

c. $-7\frac{1}{3} + \left(-1\frac{2}{3}\right);$

d. $-4\frac{2}{3} + \left(-1\frac{1}{3}\right);$

e. $-12\frac{5}{7} + \left(-4\frac{4}{7}\right);$

f. $\left(-8\frac{2}{3}\right) + \left(-9\frac{2}{3}\right);$