

Use written methods to complete this worksheet. Do not use a calculator.

1. (a) $\frac{3}{10} + \frac{2}{5} =$

(b) $\frac{3}{5} - \frac{1}{10} =$

(c) $\frac{1}{2} - \frac{3}{10} =$

2. (a) $\frac{2}{3} - \frac{1}{6} =$

(b) $\frac{5}{6} - \frac{1}{3} =$

(c) $\frac{1}{3} + \frac{1}{6} =$

3. (a) $\frac{3}{4} - \frac{1}{2} + \frac{5}{8} =$

(b) $\frac{3}{10} - \frac{4}{5} + \frac{11}{15} =$

4. (a) $2 - \frac{1}{4} + \frac{1}{8} =$

(b) $3 + \frac{2}{3} - \frac{11}{12} =$

5. (a) What fraction of a pie is half of half a pie?

(b) What fraction of a cake is a third of half a cake?

6. (a) How many half pizzas are there in three pizzas?

(b) How many quarter apples are there in four apples?

7. (a) Find the number of students in *two thirds* of a class of *twenty four*.

(b) How much is $\frac{3}{8}$ of \$96?

8. (a) $\frac{5}{7} \times 28 =$

(b) $\frac{4}{5} \times 35 =$

(c) $\frac{7}{10} \times 40 =$

9. (a) $\frac{1}{3} \times \frac{3}{4} =$

(b) $\frac{3}{5} \times \frac{7}{9} =$

(c) $\frac{5}{6} \times \frac{3}{10} =$

10. (a) $5 \div \frac{1}{3} =$

(b) $\frac{2}{3} \div \frac{1}{6} =$

(c) $\frac{7}{5} \div \frac{7}{10} =$

11. (a) When three oranges are shared equally between four children, what fraction of an orange does each child get?

(b) Write $3 \div 4$ as a fraction.

Numerical, algebraic and worded answers.

1. 7/10, 1/2, 1/5
 2. 1/2, 1/2, 1/2
 3. 7/8, 7/30
 4. 15/8, 11/4
 5. 1/4, 1/6
 6. 6, 16
 7. 16, 36
 8. 20, 28, 28
 9. 1/4, 7/15, 1/4
 10. 15, 4, 2
 11. 3/4, 3/4