
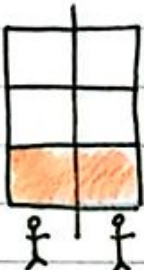


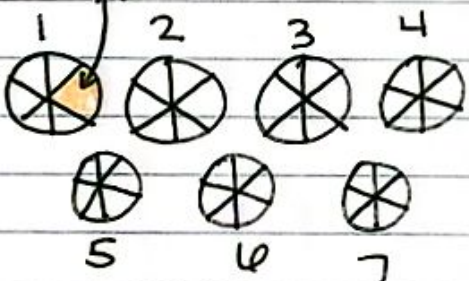
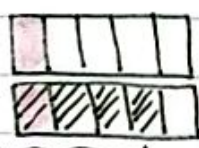



1. a)  $5 \div 4 = \frac{5}{4} = 1\frac{1}{4}$ lb.
 Each person would get $1\frac{1}{4}$ lb. of trail mix.

b)  $\frac{1}{3} \div 2 = \frac{1}{6}$
 Each student would get $\frac{1}{6}$ bag.

c) $\frac{3}{4}$  $\frac{3}{4} \div \frac{1}{8} = 6$ The syrup would fill 6 containers.
 $\frac{1}{8}$ 

d)  $7 \div \frac{1}{6} = 42$
 There would be 42 pie slices.

2. a) $\frac{1}{4} \div 2 = \frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$ b) $\frac{1}{5} \div \frac{4}{5} = \frac{1}{4}$  $\frac{1}{5}$ $\frac{4}{5}$
 "1 out of 4 fit"

c) $3 \div \frac{1}{4} = 12$  $\frac{1}{4}$
 1 2 3

d) $8 \div 7 = \frac{8}{7} = 1\frac{1}{7}$

e)
$$\begin{array}{r} 052\frac{1}{2} \\ 2 \overline{)105} \\ \underline{70} \downarrow \\ 05 \\ \underline{-4} \\ 1 \end{array}$$
 $105 \div 2 = 52\frac{1}{2}$

f)
$$\begin{array}{r} 24 \\ 4 \overline{)96} \\ \underline{-8} \downarrow \\ 16 \\ \underline{-16} \\ 0 \end{array}$$
 $96 \div 4 = 24$

Study Guide

Study Guide

Use this page to help you prepare for the division quiz.

1. For each problem below, use pictures, words and numbers to describe the situation.

- a) 5 pounds of trail mix shared equally by 4 people
- b) $\frac{1}{3}$ bag of chips shared by 2 students
- c) $\frac{3}{4}$ oz. of syrup split into $\frac{1}{8}$ oz. containers.
- d) 7 pies cut into $\frac{1}{6}$ slices

2. Find the solution using any method.

- a) $\frac{1}{2} \div 4$
- b) $\frac{1}{5} + \frac{4}{5}$
- c) $3 + \frac{1}{4}$
- d) $8 \div 7$
- e) $105 \div 2$
- f) $96 \div 4$

Answers: Below, are the answers for each problem. If you don't understand how I got the answer, ASK!

- 1a) 1 $\frac{1}{4}$ lb. 1b) $\frac{1}{6}$ bag 1c) 6 containers 1d) 42 slices
- 2a) $\frac{1}{8}$ 2b) $\frac{1}{5}$ 2c) 12 2d) 1 $\frac{1}{7}$ 2e) 52 $\frac{1}{2}$ 2f) 24

$$\begin{array}{r} 70 \downarrow \\ 05 \\ -4 \\ \hline 1 \end{array}$$

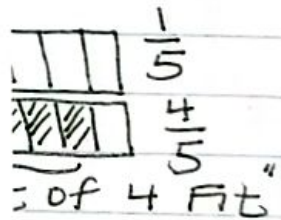
$$105 \div 2 = 52 \frac{1}{2}$$

$$\begin{array}{r} 8 \downarrow \\ 16 \\ -16 \\ \hline 0 \end{array}$$

$$\frac{5}{4} = 1 \frac{1}{4} \text{ lb. mix.}$$

bag.

d
rs.



24

1. a

b)

c)

$\frac{1}{8}$

d)

2. a

c)

d)

e)