



Englische Übungen zu Bruchzahlen

1. There are 64 musicians in the school band $\frac{1}{4}$ of them play the flute, $\frac{1}{8}$ play the trombone.

- How many musicians play the flute?
- How many musicians play the trombone?

2. Solve:

a. $\frac{1}{3}$ of 12 is _____

b. $\frac{2}{3}$ of 12 is _____

c. $\frac{3}{4}$ of 36 is _____

d. $\frac{2}{5}$ of 20 is _____

e. $\frac{5}{6}$ of 30 is _____

f. $\frac{5}{8}$ of 32 is _____

g. $\frac{3}{5}$ of 15 is _____

h. $\frac{2}{3}$ of 24 is _____

i. $\frac{3}{8}$ of 48 is _____

3. Write the fractions in order, from the smallest to the largest:

a. $\frac{1}{4}, \frac{1}{2}, \frac{1}{9}, \frac{1}{5}, \frac{1}{100}$ _____

b. $\frac{2}{4}, \frac{2}{2}, \frac{2}{9}, \frac{2}{5}, \frac{2}{100}$ _____

c. $\frac{4}{10}, \frac{7}{10}, \frac{4}{5}, \frac{1}{5}, \frac{1}{10}$ _____





4. Mike had 30 baseball-cards. He gave $\frac{1}{5}$ of them to his friend Steven and $\frac{2}{5}$ to his brother Jim.
- How many baseball cards did he give to Steven?
 - How many did he give to Jim?
 - How many did he keep for himself?
5. Write „<“, „>“ or „=“ to make each statement true.
- $\frac{5}{6}$ — $\frac{1}{6}$
 - $\frac{6}{8}$ — $\frac{3}{4}$
 - $\frac{1}{8}$ — $\frac{1}{9}$
 - $\frac{3}{4}$ — $\frac{9}{12}$
 - $\frac{2}{3}$ — $\frac{2}{5}$
 - 0,6 — $\frac{2}{3}$

Vocabulary

Englisch	Deutsch
flute	Flöte
trombone	Posaune
Bruch	fraction
Zähler	numerator
Nenner	denominator
Bruchstrich	fraction line
ein Halbes	one half
ein Drittel	one third
ein Viertel	one quarter
ein Fünftel	one fifth
smaller than	<
bigger than	>
equal to	=





Solutions

1. There are 64 musicians in the school band $\frac{1}{4}$ of them play the flute, $\frac{1}{8}$ play the trombone.

1) How many musicians play the flute?

16 musicians play the flute.

2) How many musicians play the trombone?

8 musicians play the trombone.

2. Solve:

a. $\frac{1}{3}$ of 12 is **4**

b. $\frac{2}{3}$ of 12 is **8**

c. $\frac{3}{4}$ of 36 is **27**

d. $\frac{2}{5}$ of 20 is **8**

e. $\frac{5}{6}$ of 30 is **25**

f. $\frac{5}{8}$ of 32 is **20**

g. $\frac{3}{5}$ of 15 is **9**

h. $\frac{2}{3}$ of 24 is **16**

i. $\frac{3}{8}$ of 48 is **18**

3. Write the fractions in order from the smallest to the largest:

a. $\frac{1}{100}, \frac{1}{9}, \frac{1}{5}, \frac{1}{4}, \frac{1}{2}$

b. $\frac{2}{100}, \frac{2}{9}, \frac{2}{5}, \frac{2}{4}, \frac{2}{2}$

c. $\frac{1}{10}, \frac{1}{5}, \frac{4}{10}, \frac{7}{10}, \frac{4}{5}$





4. Mike had 30 baseball-cards. He gave $\frac{1}{5}$ of them to his friend Steven and $\frac{2}{5}$ to his brother Jim.

1) How many baseball cards did he give to Steven?

He gave 6 baseball cards to Steven.

2) How many did he give to Jim?

He gave 12 baseball cards to his brother Jim.

3) How many did he keep for himself?

He kept 12 baseball cards for himself.

5. Write „<“, „>“ or „=“ to make each statement true.

a. $\frac{5}{6} > \frac{1}{6}$

b. $\frac{6}{8} = \frac{3}{4}$

c. $\frac{1}{8} > \frac{1}{9}$

d. $\frac{3}{4} = \frac{9}{12}$

e. $\frac{2}{3} > \frac{2}{5}$

f. $0,6 < \frac{2}{3}$

