

## Dividera med bråk

**1** Hur många bitar blir det om fyra tårtor delas i

- a) halvor  $8$                       b) tredjedelar  $12$                       c) femtedelar  $20$

**2** Hur många flaskor behövs det om man ska hålla 2 liter vatten i flaskor som rymmer

- a)  $\frac{1}{2}$  liter  $4$                       b)  $\frac{1}{3}$  liter  $6$                       c)  $\frac{1}{4}$  liter  $8$

Beräkna

**3** a)  $\frac{1}{\frac{1}{4}} = 4$                       b)  $\frac{3}{\frac{1}{12}} = 36$                       c)  $\frac{7}{\frac{1}{7}} = 49$

**4** a)  $\frac{6}{\frac{1}{4}} = 24$                       b)  $\frac{6}{\frac{2}{4}} = 12$                       c)  $\frac{6}{\frac{3}{4}} = 8$

**5** a)  $\frac{1}{\frac{4}{2}} = \frac{1}{8}$                       b)  $\frac{1}{\frac{4}{2}} = \frac{1}{8}$                       c)  $\frac{1}{\frac{4}{4}} = \frac{1}{16}$

**6** a)  $\frac{1}{\frac{4}{\frac{1}{2}}} = \frac{1}{2}$                       b)  $\frac{1}{\frac{6}{\frac{1}{2}}} = \frac{1}{3}$                       c)  $\frac{1}{\frac{12}{\frac{1}{3}}} = \frac{1}{4}$

Vilket är det inverterade talet till

**7** a)  $\frac{1}{4} = 4$                       b)  $\frac{7}{6} = \frac{6}{7}$                       c)  $6 = \frac{1}{6}$                       d)  $\frac{2x}{y^2} = \frac{y^2}{2x}$

**8** a)  $\frac{3}{2} = \frac{2}{3}$                       b)  $\frac{2}{5} = \frac{5}{2}$                       c)  $\frac{11}{4} = \frac{4}{11}$                       d)  $\frac{3y}{x^2} = \frac{x^2}{3y}$

Beräkna

**9** a)  $\frac{3}{\frac{1}{4}} = 12$                       b)  $\frac{3}{\frac{4}{3}} = \frac{1}{4}$                       c)  $\frac{2}{\frac{2}{2}} = 2$

**10** a)  $\frac{10}{\frac{2}{5}} = 25$                       b)  $\frac{14}{\frac{9}{7}} = \frac{1}{6}$                       c)  $\frac{8}{\frac{6}{3}} = 1$

**11** a)  $\frac{6}{\frac{5}{18}} = \frac{5}{3}$                       b)  $\frac{3}{\frac{11}{9}} = 1$                       c)  $\frac{4}{\frac{5}{3}} = \frac{32}{15}$