Brøk ganga med heiltal

$$\frac{3}{4} \cdot 7 = \frac{3 \cdot 7}{4} = \frac{21}{4}$$

a)
$$\frac{2}{3} \cdot 8$$

b)
$$\frac{5}{7} \cdot 9$$

a)
$$\frac{2}{3} \cdot 8$$
 b) $\frac{5}{7} \cdot 9$ c) $\frac{10}{3} \cdot 23$ d) $\frac{2}{3} \cdot 8$ e) $5 \cdot \frac{2}{7}$

d)
$$\frac{2}{3} \cdot 8$$

e)
$$5 \cdot \frac{2}{7}$$

f)
$$9 \cdot \frac{4}{11}$$

a)
$$\frac{2}{3} \cdot 4$$

b)
$$\frac{5}{7}$$
 · (

f)
$$9 \cdot \frac{4}{11}$$

a) $\frac{2}{3} \cdot 4$ b) $\frac{5}{7} \cdot 6$ c) $\frac{10}{3} \cdot 13$ d) $\frac{2}{3} \cdot 9$ e) $\frac{6}{5} \cdot 3$ f) $\frac{7}{9} \cdot 8$

d)
$$\frac{2}{3}$$
.

e)
$$\frac{6}{5} \cdot 3$$

f)
$$\frac{7}{9} \cdot 8$$

Eksempel 1

$$\frac{3}{4} \cdot 8 = \frac{24}{4} = 6$$

Eksempel 2

$$\frac{4}{3} \cdot 9 = \frac{36}{3} = 12$$

a)
$$\frac{2}{3} \cdot 6$$

b)
$$\frac{5}{7} \cdot 2$$

a)
$$\frac{2}{3} \cdot 6$$
 b) $\frac{5}{7} \cdot 21$ c) $\frac{10}{3} \cdot 9$ d) $\frac{2}{5} \cdot 10$

d)
$$\frac{2}{5} \cdot 10$$

Brøk ganga med heiltal, faktorisering

Eksempel 1

$$\frac{3}{4} \cdot 8 = \frac{3}{4} \cdot 2 \cdot 4 = 3 \cdot 2 = 6$$

Eksempel 2

$$\frac{4}{3} \cdot 9 = \frac{4}{8} \cdot 3 \cdot 3 = 4 \cdot 3 = 12$$

Forkorting

Forkort brøken så mykje som mogleg.

a)
$$\frac{15}{21}$$

b)
$$\frac{9}{12}$$

b)
$$\frac{9}{12}$$
 c) $\frac{72}{27}$ d) $\frac{49}{42}$ e) $\frac{35}{20}$

d)
$$\frac{49}{42}$$

e)
$$\frac{35}{20}$$

Brøkverdiar 0.0.1

$$\frac{1}{4} = 0.25$$

$$\frac{1}{4} = 0.25$$
 $\frac{3}{4} = 0.75$ $\frac{1}{5} = 0.2$

$$\frac{1}{5} = 0.2$$

$$\frac{2}{5} = 0.4$$
 $\frac{3}{5} = 0.6$ $\frac{4}{5} = 0.8$

$$\frac{3}{5} = 0.6$$

$$\frac{4}{5} = 0.8$$

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Addisjon/subtraksjon, brøkar med ulik nemnar

a)
$$\frac{1}{7} + \frac{2}{5}$$

b)
$$\frac{6}{5} + \frac{2}{3}$$

a)
$$\frac{1}{7} + \frac{2}{5}$$
 b) $\frac{6}{5} + \frac{2}{3}$ c) $\frac{10}{3} - \frac{8}{7}$ d) $\frac{3}{2} - \frac{9}{7}$

d)
$$\frac{3}{2} - \frac{3}{2}$$