

WERKBLAD BREUKEN 1

Opdracht 1:

Haal de helen eruit.

$$\frac{7}{4} =$$

$$\frac{19}{6} =$$

$$\frac{24}{6} =$$

$$\frac{32}{5} =$$

$$\frac{20}{5} =$$

$$\frac{10}{3} =$$

$$\frac{17}{3} =$$

$$\frac{21}{6} =$$

Opdracht 2:

Maak er breuken van.

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

$$3\frac{2}{4} =$$

$$2\frac{3}{8} =$$

$$4\frac{2}{6} =$$

$$5\frac{2}{3} =$$

$$1\frac{5}{9} =$$

$$2\frac{1}{10} =$$

$$4\frac{2}{3} =$$

Opdracht 3:

Maak de sommen en vereenvoudig het antwoord.

$$\frac{1}{2} - \frac{1}{4} =$$

$$\frac{1}{2} - \frac{1}{6} =$$

$$\frac{1}{2} - \frac{1}{8} =$$

$$\frac{1}{4} - \frac{1}{6} =$$

$$\frac{1}{4} - \frac{1}{12} =$$

$$\frac{1}{5} - \frac{1}{10} =$$

$$\frac{1}{4} - \frac{1}{5} =$$

$$\frac{1}{3} - \frac{1}{6} =$$

$$\frac{1}{3} - \frac{1}{9} =$$

$$\frac{1}{10} - \frac{1}{20} =$$

WERKBLAD BREUKEN 2

Opdracht 1:

Breuken vereenvoudigen.

$$\frac{8}{48} = \text{--}$$

$$\frac{2}{12} = \text{--}$$

$$\frac{9}{18} = \text{--}$$

$$\frac{2}{14} = \text{--}$$

Opdracht 2:

Haal de helen eruit.

$$\frac{17}{6} = \text{--}$$

$$\frac{26}{3} = \text{--}$$

$$\frac{15}{6} = \text{--}$$

$$\frac{33}{5} = \text{--}$$

Opdracht 3:

Maak er breuken van.

$$2\frac{8}{9} = \text{--}$$

$$6\frac{2}{3} = \text{--}$$

$$1\frac{1}{6} = \text{--}$$

$$5\frac{2}{5} = \text{--}$$

Opdracht 4:

Maak de sommen en vereenvoudig het antwoord.

$$\frac{2}{4} + \frac{1}{4} =$$

$$\frac{3}{4} - \frac{1}{4} =$$

$$2 - \frac{1}{5} =$$

$$\frac{1}{6} + \frac{3}{6} =$$

$$\frac{5}{6} - \frac{2}{6} =$$

$$1 - \frac{3}{4} =$$

$$\frac{1}{8} + \frac{5}{8} =$$

$$\frac{5}{8} - \frac{3}{8} =$$

$$3 - \frac{4}{7} =$$

$$\frac{1}{3} + \frac{2}{3} =$$

$$\frac{6}{7} - \frac{2}{7} =$$

$$1 - \frac{1}{3} =$$

$$\frac{1}{10} + \frac{4}{10} =$$

$$\frac{8}{9} - \frac{5}{9} =$$

$$6 - \frac{1}{9} =$$

WERKBLAD BREUKEN 3

Opdracht 1:

Bereken het verschil en vereenvoudig het antwoord.

$$\frac{1}{5} \text{ en } \frac{3}{10} =$$

$$\frac{1}{5} \text{ en } \frac{3}{4} =$$

$$\frac{1}{3} \text{ en } \frac{5}{6} =$$

$$\frac{1}{3} \text{ en } \frac{2}{9} =$$

Opdracht 2:

Maak de keersommen.

$$5 \times \frac{1}{2} =$$

$$2 \times \frac{3}{4} =$$

$$5 \times 2\frac{1}{2} =$$

$$2 \times 3\frac{3}{4} =$$

$$6 \times \frac{1}{4} =$$

$$3 \times \frac{2}{3} =$$

$$6 \times 3\frac{1}{4} =$$

$$3 \times 4\frac{2}{3} =$$

$$10 \times 1\frac{1}{4} =$$

$$10 \times \frac{2}{3} =$$

WERKBLAD BREUKEN 4

Opdracht 1:

Maak de keersommen.

$$6 \times \frac{1}{2} =$$

$$6 \times 2\frac{1}{2} =$$

$$3 \times \frac{4}{5} =$$

$$3 \times 2\frac{4}{5} =$$

$$5 \times \frac{2}{3} =$$

$$5 \times 3\frac{2}{3} =$$

$$4 \times \frac{3}{8} =$$

$$4 \times 4\frac{3}{8} =$$

$$4 \times \frac{2}{5} =$$

$$4 \times 2\frac{2}{5} =$$

$$5 \times \frac{4}{7} =$$

$$5 \times 5\frac{4}{7} =$$

$$3 \times \frac{3}{4} =$$

$$3 \times 2\frac{3}{4} =$$

$$3 \times \frac{7}{8} =$$

$$2 \times 6\frac{7}{8} =$$

$$2 \times \frac{3}{5} =$$

$$2 \times 3\frac{3}{5} =$$

$$6 \times \frac{3}{10} =$$

$$6 \times 3\frac{3}{10} =$$

Opdracht 2:

Reken uit. Maak er eerst gelijknamige breuken van.

$$\frac{5}{8} + \frac{3}{4} =$$

$$\frac{5}{8} - \frac{1}{4} =$$

$$\frac{1}{2} + \frac{2}{3} =$$

$$\frac{3}{8} - \frac{1}{3} =$$

$$\frac{3}{4} + \frac{3}{5} =$$

$$\frac{5}{7} - \frac{2}{5} =$$

$$\frac{3}{5} + \frac{5}{8} =$$

$$\frac{9}{10} - \frac{3}{8} =$$

$$\frac{2}{3} + \frac{4}{7} =$$

$$\frac{2}{3} - \frac{1}{5} =$$



WERKBLAD BREUKEN 5

Opdracht 1:

Vereenvoudig de breuk

$$\frac{15}{20} = -$$

$$\frac{9}{12} = -$$

$$\frac{21}{30} = -$$

$$\frac{4}{40} = -$$

$$\frac{12}{18} = -$$

$$\frac{15}{35} = -$$

$$\frac{18}{63} = -$$

$$\frac{12}{20} = -$$

$$\frac{18}{24} = -$$

$$\frac{14}{28} = -$$

$$\frac{20}{50} = -$$

$$\frac{18}{20} = -$$

$$\frac{16}{48} = -$$

$$\frac{24}{36} = -$$

$$\frac{16}{36} = -$$

Opdracht 2:

Optellen en aftrekken met breuken.

$$\frac{1}{3} + \frac{1}{2} = - + - = -$$

$$\frac{1}{2} - \frac{2}{5} = - - - = -$$

$$\frac{2}{5} + \frac{1}{2} = - + - = -$$

$$\frac{3}{4} - \frac{2}{5} = - - - = -$$

$$\frac{3}{4} + \frac{1}{2} = - + - = -$$

$$1\frac{1}{3} - \frac{2}{5} = - - - = -$$

$$\frac{7}{10} + \frac{1}{2} = - + - = -$$

$$2\frac{5}{6} - \frac{2}{5} = - - - = -$$

$$3\frac{3}{8} + 1\frac{1}{4} = - + - = -$$

$$5 - 3\frac{7}{10} = - - - = -$$

WERKBLAD BREUKEN 6

Opdracht 1:

Maak de sommen en vereenvoudig het antwoord.

$$\frac{1}{3} + \frac{1}{4} =$$

$$\frac{1}{4} + \frac{1}{5} =$$

$$\frac{1}{3} + \frac{3}{4} =$$

$$\frac{1}{4} + \frac{4}{5} =$$

$$\frac{2}{3} + \frac{3}{4} =$$

$$\frac{3}{4} + \frac{4}{5} =$$

$$1\frac{1}{3} + \frac{3}{4} =$$

$$1\frac{1}{4} + \frac{4}{5} =$$

$$1\frac{2}{3} + 1\frac{3}{4} =$$

$$1\frac{3}{4} + 1\frac{4}{5} =$$

Opdracht 2:

Maak de sommen en vereenvoudig het antwoord.

$$5 - \frac{1}{2} =$$

$$\frac{2}{3} - \frac{1}{5} =$$

$$6 - \frac{1}{6} =$$

$$\frac{2}{3} - \frac{3}{5} =$$

$$4 - 3\frac{1}{4} =$$

$$1\frac{2}{3} - \frac{1}{5} =$$

$$3 - 2\frac{1}{5} =$$

$$1\frac{2}{3} - \frac{4}{5} =$$

$$2 - 1\frac{1}{3} =$$

$$2\frac{1}{3} - \frac{4}{5} =$$

ANTWOORDEN BREUKEN 1

Opdracht 1:

Haal de helen eruit.

$$\frac{7}{4} = 1\frac{3}{4}$$

$$\frac{19}{6} = 3\frac{1}{6}$$

$$\frac{24}{6} = 4$$

$$\frac{32}{5} = 6\frac{2}{5}$$

$$\frac{20}{5} = 4$$

$$\frac{10}{3} = 3\frac{1}{3}$$

$$\frac{17}{3} = 5\frac{2}{3}$$

$$\frac{21}{6} = 3\frac{1}{2}$$

Opdracht 2:

Maak er breuken van.

$$1\frac{1}{5} = \frac{6}{5}$$

$$3\frac{2}{4} = \frac{14}{4}$$

$$2\frac{3}{8} = \frac{19}{8}$$

$$4\frac{2}{6} = \frac{26}{6}$$

$$5\frac{2}{3} = \frac{17}{3}$$

$$1\frac{5}{9} = \frac{14}{9}$$

$$2\frac{1}{10} = \frac{21}{10}$$

$$4\frac{2}{3} = \frac{14}{3}$$

Opdracht 3:

Maak de sommen en vereenvoudig het antwoord.

$$\frac{1}{2} - \frac{1}{4} = \frac{2}{4} - \frac{1}{4} = \frac{1}{4}$$

$$\frac{1}{2} - \frac{1}{6} = \frac{3}{6} - \frac{1}{6} = \frac{2}{6} = \frac{1}{3}$$

$$\frac{1}{2} - \frac{1}{8} = \frac{4}{8} - \frac{1}{8} = \frac{3}{8}$$

$$\frac{1}{4} - \frac{1}{6} = \frac{3}{12} - \frac{2}{12} = \frac{1}{12}$$

$$\frac{1}{4} - \frac{1}{12} = \frac{3}{12} - \frac{1}{12} = \frac{2}{12} = \frac{1}{6}$$

$$\frac{1}{5} - \frac{1}{10} = \frac{2}{10} - \frac{1}{10} = \frac{1}{10}$$

$$\frac{1}{4} - \frac{1}{5} = \frac{5}{20} - \frac{4}{20} = \frac{1}{20}$$

$$\frac{1}{3} - \frac{1}{6} = \frac{2}{6} - \frac{1}{6} = \frac{1}{6}$$

$$\frac{1}{3} - \frac{1}{9} = \frac{3}{9} - \frac{1}{9} = \frac{2}{9}$$

$$\frac{1}{10} - \frac{1}{20} = \frac{2}{20} - \frac{1}{20} = \frac{1}{20}$$

ANTWOORDEN BREUKEN 2

Opdracht 1:

Breuken vereenvoudigen.

$$\frac{8}{48} = \frac{1}{6}$$

$$\frac{2}{12} = \frac{1}{6}$$

$$\frac{9}{18} = \frac{1}{2}$$

$$\frac{2}{14} = \frac{1}{7}$$

Opdracht 2:

Haal de helen eruit.

$$\frac{17}{6} = 2\frac{5}{6}$$

$$\frac{26}{3} = 8\frac{2}{3}$$

$$\frac{15}{6} = 2\frac{1}{2}$$

$$\frac{33}{5} = 6\frac{3}{5}$$

Opdracht 3:

Maak er breuken van.

$$2\frac{8}{9} = \frac{26}{9}$$

$$6\frac{2}{3} = \frac{19}{3}$$

$$1\frac{1}{6} = \frac{7}{6}$$

$$5\frac{2}{5} = \frac{27}{5}$$

Opdracht 4:

Maak de sommen en vereenvoudig het antwoord.

$$\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$$

$$\frac{3}{4} - \frac{1}{4} = \frac{2}{4} = \frac{1}{2}$$

$$2 - \frac{1}{5} = 1\frac{4}{5}$$

$$\frac{1}{6} + \frac{3}{6} = \frac{4}{6} = \frac{2}{3}$$

$$\frac{5}{6} - \frac{2}{6} = \frac{3}{6} = \frac{1}{2}$$

$$1 - \frac{3}{4} = \frac{1}{4}$$

$$\frac{1}{8} + \frac{5}{8} = \frac{6}{8} = \frac{3}{4}$$

$$\frac{5}{8} - \frac{3}{8} = \frac{2}{8} = \frac{1}{4}$$

$$3 - \frac{4}{7} = 2\frac{3}{7}$$

$$\frac{1}{3} + \frac{2}{3} = \frac{3}{3} = 1$$

$$\frac{6}{7} - \frac{2}{7} = \frac{4}{7}$$

$$1 - \frac{1}{3} = \frac{2}{3}$$

$$\frac{1}{10} + \frac{4}{10} = \frac{5}{10} = \frac{1}{2}$$

$$\frac{8}{9} - \frac{5}{9} = \frac{3}{9} = \frac{1}{3}$$

$$6 - \frac{1}{9} = 5\frac{8}{9}$$

ANTWOORDEN BREUKEN 3

Opdracht 1:

Bereken het verschil en vereenvoudig het antwoord.

$$\frac{1}{5} \text{ en } \frac{3}{10} = \frac{1}{5} = \frac{2}{10} \quad \rightarrow \quad \frac{3}{10} - \frac{2}{10} = \frac{1}{10}$$

$$\frac{1}{5} \text{ en } \frac{3}{4} = \frac{1}{5} = \frac{4}{20} \text{ en } \frac{3}{4} = \frac{15}{20} \quad \rightarrow \quad \frac{15}{20} - \frac{4}{20} = \frac{11}{20}$$

$$\frac{1}{3} \text{ en } \frac{5}{6} = \frac{1}{3} = \frac{2}{6} \quad \rightarrow \quad \frac{5}{6} - \frac{2}{6} = \frac{3}{6} = \frac{1}{2}$$

$$\frac{1}{3} \text{ en } \frac{2}{9} = \frac{1}{3} = \frac{3}{9} \quad \rightarrow \quad \frac{3}{9} - \frac{2}{9} = \frac{1}{9}$$

Opdracht 2:

Maak de keersommen.

$$5 \times \frac{1}{2} = \frac{5}{2} = 2\frac{1}{2}$$

$$2 \times \frac{3}{4} = \frac{6}{4} = 1\frac{1}{2}$$

$$5 \times 2\frac{1}{2} = 12\frac{1}{2}$$

$$2 \times 3\frac{3}{4} = 7\frac{1}{2}$$

$$6 \times \frac{1}{4} = \frac{6}{4} = 1\frac{1}{2}$$

$$3 \times \frac{2}{3} = \frac{6}{3} = 2$$

$$6 \times 3\frac{1}{4} = 19\frac{1}{2}$$

$$3 \times 4\frac{2}{3} = 14$$

$$10 \times 1\frac{1}{4} = 12\frac{1}{2}$$

$$10 \times \frac{2}{3} = \frac{20}{3} = 6\frac{2}{3}$$

ANTWOORDEN BREUKEN 4

Opdracht 1:

Maak de keersommen.

$$6 \times \frac{1}{2} = 3$$

$$6 \times 2\frac{1}{2} = 15$$

$$3 \times \frac{4}{5} = 2\frac{2}{5}$$

$$3 \times 2\frac{4}{5} = 2\frac{2}{5}$$

$$5 \times \frac{2}{3} = 3\frac{1}{3}$$

$$5 \times 3\frac{2}{3} = 18\frac{1}{3}$$

$$4 \times \frac{3}{8} = 1\frac{1}{2}$$

$$4 \times 4\frac{3}{8} = 17\frac{1}{2}$$

$$4 \times \frac{2}{5} = 1\frac{3}{5}$$

$$4 \times 2\frac{2}{5} = 9\frac{3}{5}$$

$$5 \times \frac{4}{7} = 2\frac{6}{7}$$

$$5 \times 5\frac{4}{7} = 27\frac{6}{7}$$

$$3 \times \frac{3}{4} = 2\frac{1}{4}$$

$$3 \times 2\frac{3}{4} = 8\frac{1}{4}$$

$$3 \times \frac{7}{8} = 2\frac{5}{8}$$

$$2 \times 6\frac{7}{8} = 14\frac{5}{8}$$

$$2 \times \frac{3}{5} = 1\frac{1}{5}$$

$$2 \times 3\frac{3}{5} = 7\frac{1}{5}$$

$$6 \times \frac{3}{10} = 1\frac{4}{5}$$

$$6 \times 3\frac{3}{10} = 19\frac{4}{5}$$

Opdracht 2:

Reken uit. Maak er eerst gelijknamige breuken van.

$$\frac{5}{8} + \frac{3}{4} = \frac{5}{8} + \frac{6}{8} = \frac{11}{8} = 1\frac{3}{8}$$

$$\frac{5}{8} - \frac{1}{4} = \frac{5}{8} - \frac{2}{8} = \frac{3}{8}$$

$$\frac{1}{2} + \frac{2}{3} = \frac{3}{6} + \frac{4}{6} = \frac{7}{6} = 1\frac{1}{6}$$

$$\frac{3}{8} - \frac{1}{3} = \frac{9}{24} - \frac{8}{24} = \frac{1}{24}$$

$$\frac{3}{4} + \frac{3}{5} = \frac{15}{20} + \frac{12}{20} = \frac{27}{20} = 1\frac{7}{20}$$

$$\frac{5}{7} - \frac{2}{5} = \frac{25}{35} - \frac{14}{35} = \frac{11}{35}$$

$$\frac{3}{5} + \frac{5}{8} = \frac{24}{40} + \frac{25}{40} = \frac{49}{40} = 1\frac{9}{40}$$

$$\frac{9}{10} - \frac{3}{8} = \frac{36}{40} - \frac{15}{40} = \frac{21}{40}$$

$$\frac{2}{3} + \frac{4}{7} = \frac{14}{21} + \frac{12}{21} = \frac{26}{21} = 1\frac{5}{21}$$

$$\frac{2}{3} - \frac{1}{5} = \frac{10}{15} - \frac{3}{15} = \frac{7}{15}$$



ANTWOORDEN BREUKEN 5

Opdracht 1:

Vereenvoudig de breuk

$$\frac{15}{20} = \frac{3}{4}$$

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

$$\frac{21}{30} = \frac{7}{10}$$

$$\frac{4}{40} = \frac{1}{10}$$

$$\frac{12}{18} = \frac{2}{3}$$

$$\frac{15}{35} = \frac{3}{7}$$

$$\frac{18}{63} = \frac{2}{7}$$

$$\frac{12}{20} = \frac{3}{5}$$

$$\frac{18}{24} = \frac{3}{4}$$

$$\frac{14}{28} = \frac{1}{2}$$

$$\frac{20}{50} = \frac{2}{5}$$

$$\frac{18}{20} = \frac{9}{10}$$

$$\frac{16}{48} = \frac{1}{3}$$

$$\frac{24}{36} = \frac{2}{3}$$

$$\frac{16}{36} = \frac{4}{9}$$

Opdracht 2:

Optellen en aftrekken met breuken.

$$\frac{1}{3} + \frac{1}{2} = \frac{2}{6} + \frac{3}{6} = \frac{5}{6}$$

$$\frac{1}{2} - \frac{2}{5} = \frac{5}{10} - \frac{4}{10} = \frac{1}{10}$$

$$\frac{2}{5} + \frac{1}{2} = \frac{4}{10} + \frac{5}{10} = \frac{9}{10}$$

$$\frac{3}{4} - \frac{2}{5} = \frac{15}{20} - \frac{8}{20} = \frac{7}{20}$$

$$\frac{3}{4} + \frac{1}{2} = \frac{3}{4} + \frac{2}{4} = \frac{5}{4} = 1\frac{1}{4}$$

$$1\frac{1}{3} - \frac{2}{5} = \frac{20}{15} - \frac{6}{15} = \frac{14}{15}$$

$$\frac{7}{10} + \frac{1}{2} = \frac{7}{10} + \frac{5}{10} = \frac{12}{10} = 1\frac{1}{5}$$

$$2\frac{5}{6} - \frac{2}{5} = \frac{85}{30} - \frac{12}{30} = \frac{73}{30} = 2\frac{13}{30}$$

$$3\frac{3}{8} + 1\frac{1}{4} = 3\frac{3}{8} + 1\frac{2}{8} = 4\frac{5}{8}$$

$$5 - 3\frac{7}{10} = \frac{50}{10} - \frac{37}{10} = \frac{13}{10} = 1\frac{3}{10}$$

ANTWOORDEN BREUKEN 6

Opdracht 1:

Maak de sommen en vereenvoudig het antwoord.

$$\frac{1}{3} + \frac{1}{4} = \frac{4}{12} + \frac{3}{12} = \frac{7}{12}$$

$$\frac{1}{4} + \frac{1}{5} = \frac{5}{20} + \frac{4}{20} = \frac{9}{20}$$

$$\frac{1}{3} + \frac{3}{4} = \frac{4}{12} + \frac{9}{12} = \frac{13}{12} = 1\frac{1}{12}$$

$$\frac{1}{4} + \frac{4}{5} = \frac{5}{20} + \frac{16}{20} = \frac{21}{20} = 1\frac{1}{20}$$

$$\frac{2}{3} + \frac{3}{4} = \frac{8}{12} + \frac{9}{12} = \frac{17}{12} = 1\frac{5}{12}$$

$$\frac{3}{4} + \frac{4}{5} = \frac{15}{20} + \frac{16}{20} = \frac{31}{20} = 1\frac{11}{20}$$

$$1\frac{1}{3} + \frac{3}{4} = 1\frac{4}{12} + \frac{9}{12} = 2\frac{1}{12}$$

$$1\frac{1}{4} + \frac{4}{5} = 1\frac{5}{20} + \frac{16}{20} = 2\frac{1}{20}$$

$$1\frac{2}{3} + 1\frac{3}{4} = 1\frac{8}{12} + 1\frac{9}{12} = 3\frac{5}{12}$$

$$1\frac{3}{4} + 1\frac{4}{5} = 1\frac{15}{20} + 1\frac{16}{20} = 3\frac{11}{20}$$

Opdracht 2:

Maak de sommen en vereenvoudig het antwoord.

$$5 - \frac{1}{2} = 4\frac{1}{2}$$

$$\frac{2}{3} - \frac{1}{5} = \frac{10}{15} - \frac{3}{15} = \frac{7}{15}$$

$$6 - \frac{1}{6} = 5\frac{5}{6}$$

$$\frac{2}{3} - \frac{3}{5} = \frac{10}{15} - \frac{9}{15} = \frac{1}{15}$$

$$4 - 3\frac{1}{4} = \frac{3}{4}$$

$$1\frac{2}{3} - \frac{1}{5} = \frac{25}{15} - \frac{3}{15} = \frac{22}{15} = 1\frac{7}{15}$$

$$3 - 2\frac{1}{5} = \frac{4}{5}$$

$$1\frac{2}{3} - \frac{4}{5} = \frac{25}{15} - \frac{12}{15} = \frac{13}{15}$$

$$2 - 1\frac{1}{3} = \frac{2}{3}$$

$$2\frac{1}{3} - \frac{4}{5} = \frac{35}{15} - \frac{12}{15} = \frac{23}{15} = 1\frac{8}{15}$$

Onderwijs maak je samen!

Bedankt voor het downloaden van dit document. Wij wensen je er veel plezier mee. We zouden het leuk vinden als je onze social media bij anderen aanraadt!

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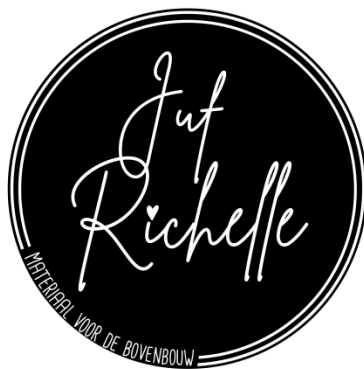
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