1) Bekijk de uitlegvideo op: ▶ **50-vermenigvuldigen-breuken-3**

2) $2\frac{1}{8} \times 2\frac{2}{3} = \frac{17}{\cancel{8}} \times \frac{\cancel{8}}{3} = \frac{17}{3} = 5\frac{2}{3}$

$2\frac{1}{8} + 2\frac{2}{3} = 2\frac{3}{24} + 2\frac{16}{24} = 4\frac{19}{24}$

$3\frac{1}{8} \times \frac{8}{27} = \frac{25}{\cancel{8}} \times \frac{\cancel{8}}{27} = \frac{25}{27}$

$6\frac{1}{4} \times 1\frac{2}{25} = \frac{\cancel{25}}{4} \times \frac{27}{\cancel{25}} = \frac{27}{4} = 6\frac{3}{4}$

$6\frac{1}{4} + 1\frac{2}{25} = 6\frac{25}{100} + 1\frac{8}{100} = 7\frac{33}{100}$

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

$\frac{\cancel{2}}{\cancel{7}} \times \cancel{7} = 2$

$12 \times 2\frac{1}{4} = 24\frac{12}{4} = 27$

$12 + 2\frac{1}{4} = 14\frac{1}{4}$

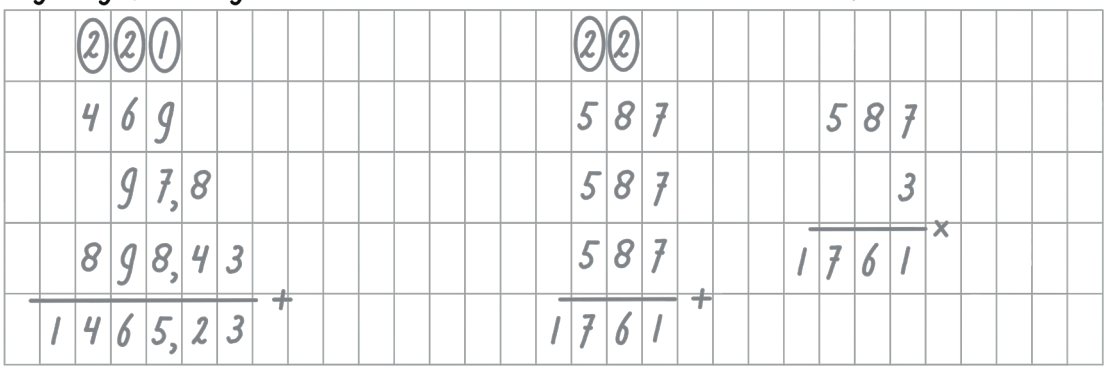
$\frac{1}{2} \times 1\frac{1}{2} = \frac{1}{2} \times \frac{3}{2} = \frac{3}{4}$

3) $5\ hm = 500\ m$ $\quad 67530\ m = 67{,}53\ km$ $\quad 3\ cm = 0{,}03\ m$

$0{,}04\ m = 40\ mm$ $\quad 23\ dm = 2{,}3\ m$ $\quad 3\ m = 0{,}03\ hm$

$4{,}5\ mm = 0{,}0045\ m$ $\quad 23\ dam = 230\ m$ $\quad 3\ m = 300\ cm$

4) $469 + 97{,}8 + 898{,}43 = 1465{,}23$ $\quad 587 + 587 + 587 = 1761$



5) $\frac{1}{3} \times 2\frac{1}{4} = \frac{1}{3} \times \frac{9}{4} = \frac{9}{12} = \frac{3}{4}$

$1\frac{1}{2} \times 1\frac{1}{2} = \frac{3}{2} \times \frac{3}{2} = \frac{9}{4} = 2\frac{1}{4}$

$5 \times 3\frac{2}{7} = 15\frac{10}{7} = 16\frac{3}{7}$

$11\frac{1}{3} \times 1\frac{1}{34} = \frac{\cancel{34}}{3} \times \frac{35}{\cancel{34}} = \frac{35}{3} = 11\frac{2}{3}$

$11\frac{1}{3} \times 5 = 55\frac{5}{3} = 56\frac{2}{3}$

$36\frac{3}{7} + 4\frac{5}{14} = 36\frac{6}{14} + 4\frac{5}{14} = 40\frac{11}{14}$