

# OEFENBLAD

$$\frac{80}{100} = \frac{4}{5} = 80 \% = 0,80$$

$$\frac{667}{1000} = 66,7 \% = 0,667$$

$$\frac{2}{5} = \frac{4}{10} = 40 \% = 0,4$$

$$\frac{1}{5} = 20 \% = 0,2$$

$$\frac{1}{2} = 50 \% = 0,5$$

$$\frac{3}{4} = 75 \% = 0,75$$

$$\frac{7}{10} = 70 \% = 0,7$$

$$\frac{1}{1000} = 0,1 \% = 0,001$$

$$\frac{9}{10} = 90 \% = 0,9$$

$$\frac{1}{10} = 10 \% = 0,10$$

$$\frac{1}{4} = 25 \% = 0,25$$

$$\frac{1}{100} = 1 \% = 0,01$$

$$\frac{1}{3} = 33 \% = 0,33$$

$$\frac{7}{100} = 7 \% = 0,07$$

$$\frac{7}{1000} = 0,7 \% = 0,007$$

$$\frac{6}{10} = 60 \% = 0,6$$

$$\frac{3}{10} = 30 \% = 0,3$$

$$\frac{9}{1000} = 0,9 \% = 0,009$$

$$\frac{3}{100} = 3 \% = 0,03$$

$$\frac{3}{1000} = 0,3 \% = 0,003$$

$$\frac{9}{100} = 9 \% = 0,09$$

$$\frac{1}{100} = 1 \% = 0,01$$

$$\frac{1}{4} = \frac{25}{100} = 25 \% = 0,25$$

$$\frac{80}{100} = \frac{4}{5} = 80 \% = 0,8$$

$$\frac{1}{1} \times \frac{7}{9} = \frac{7}{9}$$

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

$$\frac{4}{7} \times 2 = \frac{8}{7} = 1 \text{ en } \frac{1}{7}$$

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

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

$$\frac{1}{3} \times \frac{3}{4} = \frac{3}{12} = \frac{1}{4}$$

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

$$\frac{10}{11} \times \frac{3}{9} = \frac{30}{99} = \frac{10}{33}$$

$$\frac{10}{11} \times 5 = \frac{50}{11} = 4 \text{ en } \frac{6}{11}$$

$$\frac{1}{2} \times 7 = \frac{7}{2} = 3 \text{ en } \frac{1}{2}$$

$$\frac{3}{4} \times \frac{3}{8} = \frac{9}{32}$$

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

$$5 \times \frac{2}{3} = \frac{10}{3} = 3 \text{ en } \frac{1}{3}$$

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

$$\frac{3}{4} \times \frac{3}{10} = \frac{9}{40}$$

$$\frac{6}{7} \times 6 = \frac{36}{7} = 5 \text{ en } \frac{1}{7}$$

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

$$\frac{4}{11} \times \frac{2}{3} = \frac{8}{33}$$

$$6 \times \frac{3}{10} = \frac{18}{10} = 1 \text{ en } \frac{8}{10} = 1 \text{ en } \frac{4}{5}$$

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

# OEFENBLAD

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

$$\frac{15}{13} : 3 = \frac{5}{13}$$

$$\frac{6}{14} : 3 = \frac{2}{14} = \frac{1}{7}$$

$$\frac{14}{10} : 7 = \frac{2}{10} = \frac{1}{5}$$

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

$$\frac{12}{13} : 6 = \frac{2}{13}$$

$$\frac{4}{9} : 4 = \frac{1}{9}$$

$$\frac{6}{15} : 3 = \frac{2}{15}$$

$$\frac{4}{11} : 4 = \frac{1}{11}$$

$$\frac{5}{15} : 5 = \frac{1}{15}$$

$$\frac{18}{13} : 6 = \frac{3}{13}$$

$$\frac{14}{12} : 7 = \frac{2}{12} = \frac{1}{6}$$

$$\frac{4}{13} : 4 = \frac{1}{13}$$

$$\frac{7}{10} : 7 = \frac{1}{10}$$

$$\frac{6}{14} : 6 = \frac{1}{14}$$

$$\frac{15}{13} : 5 = \frac{3}{13}$$

$$\frac{20}{11} : 5 = \frac{4}{11}$$

$$\frac{21}{15} : 7 = \frac{3}{15} = \frac{1}{5}$$

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

$$\frac{21}{13} : 3 = \frac{7}{13}$$

# OEFENBLAD

Er gaan in juni 800 mensen op vakantie. Van hen heeft 5% last van vliegangst. Hoeveel mensen zijn dat?

Hoeveelheid	800	40	
procent	100%	5%	

$\div 20$

(40)

Welk bedrag is 9% van 1000 euro?

Hoeveelheid	1000	10	90
procent	100%	1%	9%

$\div 100$     $\times 9$

(90)

Er gaan in juni 800 mensen op vakantie. Van hen heeft 7% last van vliegangst. Hoeveel mensen zijn dat?

Hoeveelheid	800	8	56
procent	100%	1%	7%

$\div 100$     $\times 7$

(56)

In de winkelstraat lopen 300 mensen rond. Er worden 3% mensen gevraagd om mee te doen aan een enquête. Hoeveel mensen zijn dat?

Hoeveelheid	300	3	9
procent	100%	1%	3%

$\div 100$     $\times 3$

(9)

Er gaan in juni 900 mensen op vakantie. Van hen heeft 4% last van vliegangst. Hoeveel mensen zijn dat?

Hoeveelheid	900	9	36
procent	100%	1%	4%

$\div 100$     $\times 4$

(36)

Hoeveel is 8% van 900 knikkers?

Hoeveelheid	900	9	72
procent	100%	1%	8%

$\div 100$     $\times 8$

(72)

# OEFENBLAD

T	D	H	T	E	
1	4	0	2	6	
1	1	0	9	1	+
2	5	1	1	7	

T	D	H	T	E	
1	9	4	0	8	
	5	7	4	9	+
2	5	1	5	7	

T	D	H	T	E	
1	5	3	0	3	
1	8	0	9	8	+
3	3	4	0	1	

T	D	H	T	E	
1	6	4	7	0	
	1	6	0	7	+
1	8	0	7	7	

T	D	H	T	E	
1	6	4	2	3	
1	0	4	2	4	+
2	6	8	4	7	

T	D	H	T	E	
1	5	3	6	9	
1	6	6	1	5	+
3	1	9	8	4	

T	D	H	T	E	
1	9	<del>9</del> <sup>8</sup>	<del>2</del> <sup>11</sup>	<del>2</del> <sup>12</sup>	
	8	0	4	5	-
1	1	8	7	7	

T	D	H	T	E	
1	<del>5</del> <sup>4</sup>	<del>2</del> <sup>11</sup>	<del>3</del> <sup>13</sup>	7	
1	4	7	7	1	-
0	0	4	6	6	

T	D	H	T	E	
1	<del>9</del> <sup>8</sup>	<del>2</del> <sup>12</sup>	9	6	
1	3	8	5	0	-
	5	4	4	6	

T	D	H	T	E	
1	5	<del>8</del> <sup>7</sup>	<del>0</del> <sup>10</sup>	4	
1	1	0	2	3	-
	4	7	8	1	

T	D	H	T	E	
1	<del>5</del> <sup>4</sup>	<del>4</del> <sup>14</sup>	6	5	
1	3	9	5	4	-
	7	5	1	1	

T	D	H	T	E	
1	9	<del>7</del> <sup>6</sup>	<del>0</del> <sup>10</sup>	8	
1	3	3	4	6	-
	6	3	6	2	

# OEFENBLAD

De schaal van de kaart is 1:10000. De afstand op de kaart bedraagt 5 cm.  
Welke afstand is dit in werkelijkheid?

500 m

Afstand op de kaart	1 cm	=	1	cm	5 cm	
Afstand werkelijkheid	10000 cm	=	100	m	500 m	

De schaal van de kaart is 1:800. De afstand op de kaart bedraagt 15 cm.  
Welke afstand is dit in werkelijkheid?

120 m

Afstand op de kaart	1 cm	=	1	cm	15 cm	
Afstand werkelijkheid	800 cm	=	8	m	120 m	

$$8 \times 15 = (8 \times 10) + (8 \times 5) = 80 + 40 = 120$$

De schaal van de kaart is 1:4000. De afstand op de kaart bedraagt 16 cm.  
Welke afstand is dit in werkelijkheid?

640 m

Afstand op de kaart	1 cm	=	1	cm	16 cm	
Afstand werkelijkheid	4000 cm	=	40	m	640 m	

$$40 \times 16 = (40 \times 10) + (40 \times 6) = 400 + 240 = 640 \text{ m}$$

De schaal van de kaart is 1:200. De afstand op de kaart bedraagt 9 cm.  
Welke afstand is dit in werkelijkheid?

18 m

Afstand op de kaart	1 cm	=	1	cm	9 cm	
Afstand werkelijkheid	200 cm	=	2	m	18 m	

De schaal van de kaart is 1:10000. De afstand op de kaart bedraagt 8 cm.  
Welke afstand is dit in werkelijkheid?

800 m

Afstand op de kaart	1 cm	=	1	cm	8 cm	
Afstand werkelijkheid	10000 cm	=	100	m	800 m	

8470 gram = 8,47 kilogram	752 ton = 752000 kilogram
669 ton = 669000 kg	36069 kg = 36,069 ton
262 g = 0,262 kg	3888 g = 3,888 kg
8251 g = 8,251 kg	5999 g = 5,999 kg
7739 g = 7,739 kg	81141 kilogram = 81,141 ton
0.72 ton = 720 kg	9244 g = 9,244 kg
0.79 ton = 790 kg	157 ton = 157000 kilogram
0.92 kilogram = 920 gram	4.8 kilogram = 4800 gram
76241 kg = 76,241 ton	0.23 kilogram = 230 gram
86047 kilogram = 86,047 ton	38.8 ton = 38800 kilogram

4.84 ton = 4840 kilogram	9.4 kg = 9400 g
158 gram = 0,158 kilogram	93 kilogram = 93000 gram
877 ton = 877000 kg	5386 g = 5,386 kg
8842 gram = 8,842 kilogram	9181 g = 9,181 kg
44244 kg = 44,244 ton	47 kilogram = 47000 gram
2170 g = 2,17 kg	2416 g = 2,416 kg
55.7 ton = 55700 kilogram	3.29 ton = 3290 kilogram
5.8 kg = 5800 g	1454 g = 1,454 kg
9.1 kilogram = 9100 gram	701.5 g = 0,7015 kg
886 gram = 0,886 kilogram	5252 gram = 5,252 kilogram

$$2376 \text{ cm}^2 = 23,76 \text{ dm}^2$$

$$7740 \text{ dm}^2 = 77,4 \text{ m}^2$$

$$1374 \text{ cm}^2 = 13,74 \text{ dm}^2$$

$$5749 \text{ cm}^2 = 57,49 \text{ dm}^2$$

$$3249 \text{ cm}^2 = 32,49 \text{ dm}^2$$

$$2028 \text{ cm}^2 = 20,28 \text{ dm}^2$$

$$805 \text{ dm}^2 = 8,05 \text{ m}^2$$

$$8764 \text{ cm}^2 = 87,64 \text{ dm}^2$$

$$9209 \text{ cm}^2 = 92,09 \text{ dm}^2$$

$$0.3 \text{ m}^2 = 3000 \text{ cm}^2$$

$$8.2 \text{ m}^2 = 820 \text{ dm}^2$$

$$0.3 \text{ m}^2 = 3000 \text{ cm}^2$$

$$9 \text{ m}^2 = 90000 \text{ cm}^2$$

$$91 \text{ m}^2 = 9100 \text{ dm}^2$$

$$0.9 \text{ m}^2 = 9000 \text{ cm}^2$$

$$540.9 \text{ cm}^2 = 5,409 \text{ dm}^2$$

$$1179 \text{ cm}^2 = 11,79 \text{ dm}^2$$

$$36 \text{ dm}^2 = 3600 \text{ cm}^2$$

$$4556 \text{ cm}^2 = 45,56 \text{ dm}^2$$

$$8230 \text{ dm}^2 = 82,3 \text{ m}^2$$

$$2392 \text{ dm}^2 = 23,92 \text{ m}^2$$

$$6 \text{ m}^2 = 60000 \text{ cm}^2$$

$$4 \text{ m}^2 = 40000 \text{ cm}^2$$

$$7.5 \text{ dm}^2 = 750 \text{ cm}^2$$

$$4.8 \text{ dm}^2 = 480 \text{ cm}^2$$

$$7200 \text{ cm}^2 = 72 \text{ dm}^2$$

$$1640 \text{ dm}^2 = 16,4 \text{ m}^2$$

$$3 \text{ m}^2 = 30000 \text{ cm}^2$$

$$97361 \text{ cm}^2 = 9,7361 \text{ m}^2$$

$$0.57 \text{ dm}^2 = 57 \text{ cm}^2$$

$$0.3 \text{ m}^2 = 3000 \text{ cm}^2$$

$$0.82 \text{ dm}^2 = 82 \text{ cm}^2$$

$$9101 \text{ cm}^2 = 91,01 \text{ dm}^2$$

$$4.9 \text{ dm}^2 = 490 \text{ cm}^2$$

$$940.4 \text{ dm}^2 = 9,404 \text{ m}^2$$

$$85244 \text{ cm}^2 = 8,5244 \text{ m}^2$$

$$16356 \text{ cm}^2 = 1,6356 \text{ m}^2$$

$$1 \text{ m}^2 = 10000 \text{ cm}^2$$

$$3066 \text{ dm}^2 = 30,66 \text{ m}^2$$

$$0.78 \text{ dm}^2 = 78 \text{ cm}^2$$



# Volumematen



m <sup>3</sup>			dm <sup>3</sup>			cm <sup>3</sup>		

## 1. Herleid de volgende volumematen.

$$3 \text{ m}^3 + 25 \text{ dm}^3 = \underline{3025} \text{ dm}^3 = \underline{3,025} \text{ m}^3$$

*3000 dm<sup>3</sup>*

$$0,9 \text{ m}^3 + 41 \text{ cm}^3 = \underline{90041} \text{ cm}^3 = \underline{900,041} \text{ dm}^3$$

*900 000 cm<sup>3</sup>*

$$7 \text{ m}^3 + 10 \text{ dm}^3 + 6 \text{ cm}^3 = \underline{701006} \text{ cm}^3 = \underline{7010,006} \text{ dm}^3 = \underline{7,010006} \text{ m}^3$$

*7000 000 cm<sup>3</sup>, 10 000 cm<sup>3</sup>*

$$2,8 \text{ m}^3 + 555 \text{ dm}^3 = \underline{3,355} \text{ m}^3 = \underline{3355} \text{ dm}^3$$

*0,555 m<sup>3</sup>*

$$77,321 \text{ dm}^3 + 654 \text{ cm}^3 = \underline{77,975} \text{ dm}^3 = \underline{77975} \text{ cm}^3$$

*0,654 dm<sup>3</sup>*

## 2. Rangschik van groot naar klein.

$780 \text{ dm}^3$        $\frac{3}{4} \text{ m}^3$        $90\,000 \text{ cm}^3$        $\frac{1}{2} \text{ dm}^3$        $\frac{1}{3} \text{ dm}^3$

*780 000 cm<sup>3</sup>*      *750 000 cm<sup>3</sup>*      *500 cm<sup>3</sup>*      *333 cm<sup>3</sup>*

$$\underline{780 \text{ dm}^3} > \underline{\frac{3}{4} \text{ m}^3} > \underline{90\,000 \text{ cm}^3} > \underline{\frac{1}{2} \text{ dm}^3} > \underline{\frac{1}{3} \text{ dm}^3}$$

## 3. Trek de pijlen.

... is het dubbel van ...

