

ZAHLDARSTELLUNGEN (ZAHLENRAUM BIS 100)

1. Trage die Zehner, die Einer und die Zahl ein.

a)

b)

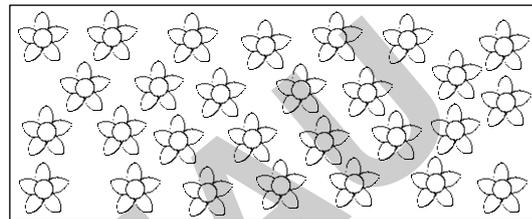
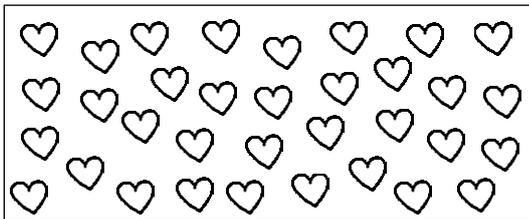
c)

Z	E	Zahl

Z	E	Zahl

Z	E	Zahl

2. Kreise immer 10 ein. Trage die Zehner, die Einer und die Zahl ein.



Z	E	Zahl

Z	E	Zahl

ZAHLDARSTELLUNGEN (ZAHLENRAUM BIS 100)

1. Trage die Zehner, die Einer und die Zahl ein.

a)

b)

c)

Z	E	Zahl

Z	E	Zahl

Z	E	Zahl

2. Wie heißt die dargestellte Zahl?

a) IIIII ... Zahl: _____

b) IIII Zahl: _____

c) IIIII II Zahl: _____

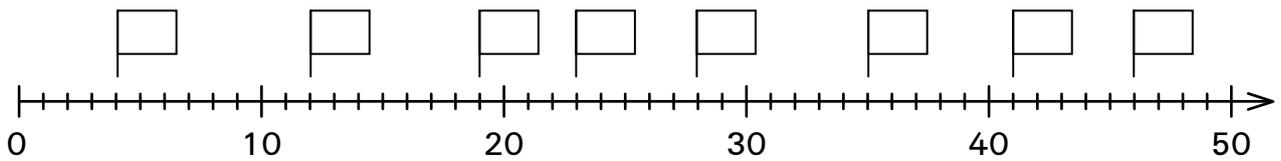
d) IIIII IIIII ... Zahl: _____

e) IIIII III Zahl: _____

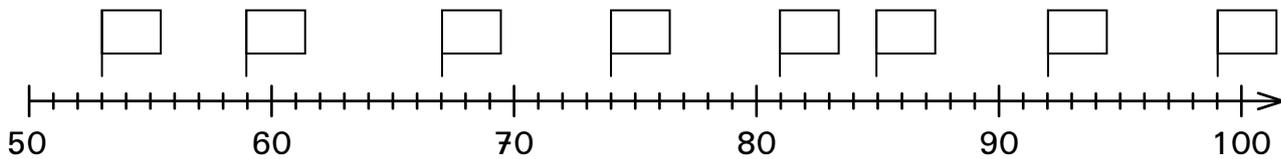
f) IIIII IIIII Zahl: _____

ORIENTIERUNG AM ZAHLENSTRAHL (ZAHLENRAUM BIS 100)

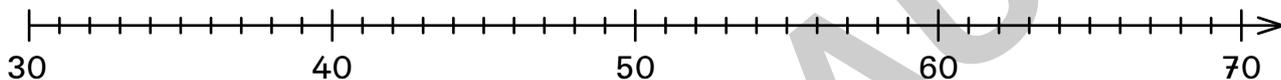
1. Schreibe die richtigen Zahlen in die Fähnchen.



2. Schreibe die richtigen Zahlen in die Fähnchen.

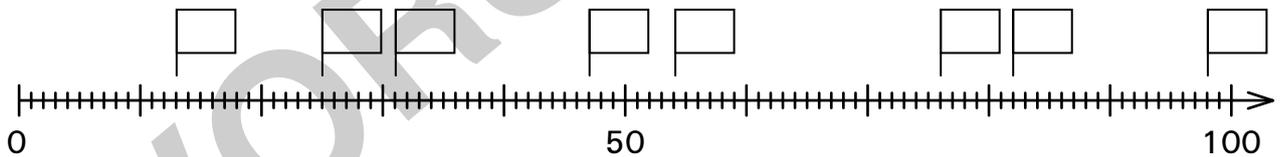


3. Wo liegen die Zahlen am Zahlenstrahl? Verbinde.



ORIENTIERUNG AM ZAHLENSTRAHL (ZAHLENRAUM BIS 100)

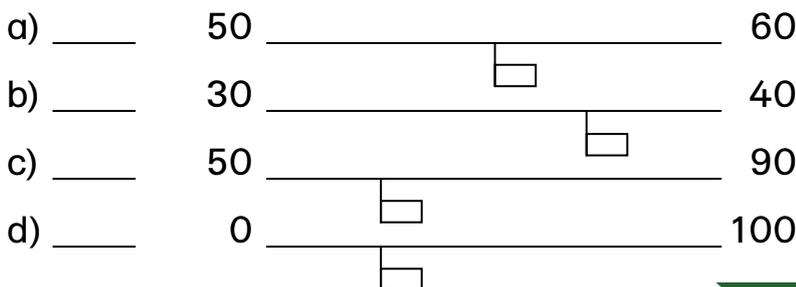
1. Schreibe die richtigen Zahlen in die Fähnchen.



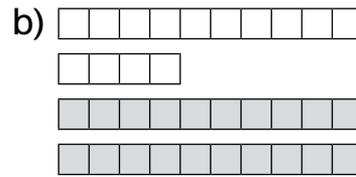
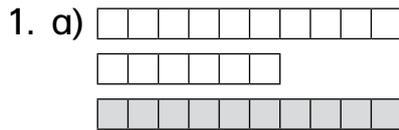
2. Wo liegen die Zahlen am Zahlenstrahl? Verbinde.



3. Welche Zahlen könnten es sein?



ADDITION (ZE + Z)



$$\begin{array}{|c|c|} \hline 1 & 6 \\ \hline \end{array} + \begin{array}{|c|c|} \hline 1 & 0 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$$

$$\begin{array}{|c|c|} \hline 1 & 4 \\ \hline \end{array} + \begin{array}{|c|c|} \hline 2 & 0 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$$

2. a) $35 + 10 = \underline{\quad}$

b) $17 + 10 = \underline{\quad}$

c) $16 + 30 = \underline{\quad}$

$35 + 20 = \underline{\quad}$

$17 + 30 = \underline{\quad}$

$26 + 30 = \underline{\quad}$

$35 + 40 = \underline{\quad}$

$17 + 50 = \underline{\quad}$

$46 + 30 = \underline{\quad}$

$35 + 60 = \underline{\quad}$

$17 + 70 = \underline{\quad}$

$66 + 30 = \underline{\quad}$

3. a)

+20	
31	
42	
63	

b)

+50	
48	
37	
26	

c)

+40	
23	
34	
45	

ADDITION (ZE + Z)

1. a) $34 + 50 = \underline{\quad}$

b) $27 + 40 = \underline{\quad}$

c) $22 + 60 = \underline{\quad}$

$66 + 30 = \underline{\quad}$

$8 + 70 = \underline{\quad}$

$75 + 20 = \underline{\quad}$

$48 + 40 = \underline{\quad}$

$54 + 30 = \underline{\quad}$

$59 + 30 = \underline{\quad}$

$21 + 60 = \underline{\quad}$

$45 + 20 = \underline{\quad}$

$93 + 10 = \underline{\quad}$

2. a)

+30	
32	
48	
19	
72	

b)

+60	
	88
	66
	77
	99

c)

+50	
53	
	91
62	
	85

3. a) $83 + \underline{\quad} = 93$

b) $21 + \underline{\quad} = 91$

c) $47 + 20 + \underline{\quad} = 97$

$39 + \underline{\quad} = 79$

$39 + \underline{\quad} = 89$

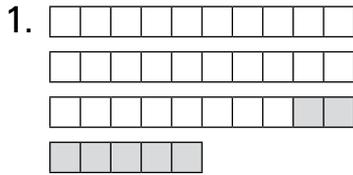
$29 + 30 + \underline{\quad} = 99$

$54 + \underline{\quad} = 104$

$62 + \underline{\quad} = 102$

$35 + \underline{\quad} + \underline{\quad} = 85$

ADDITION (ZE + E MIT ZEHNERÜBERGANG)



Rechne in zwei Schritten: Ergänze zuerst zum Zehner, rechne dann den Rest dazu.

$$28 + \begin{array}{|c|} \hline 7 \\ \hline \end{array}$$

$$28 + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} = \underline{\quad}$$

2. a) $45 + \begin{array}{|c|} \hline 6 \\ \hline \end{array}$

$$45 + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} = \underline{\quad}$$

b) $68 + \begin{array}{|c|} \hline 3 \\ \hline \end{array}$

$$68 + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} = \underline{\quad}$$

c) $37 + \begin{array}{|c|} \hline 4 \\ \hline \end{array}$

$$37 + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} = \underline{\quad}$$

$56 + \begin{array}{|c|} \hline 8 \\ \hline \end{array}$

$$56 + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} = \underline{\quad}$$

$49 + \begin{array}{|c|} \hline 5 \\ \hline \end{array}$

$$49 + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} = \underline{\quad}$$

$67 + \begin{array}{|c|} \hline 7 \\ \hline \end{array}$

$$67 + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} = \underline{\quad}$$

$24 + \begin{array}{|c|} \hline 9 \\ \hline \end{array}$

$$24 + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} = \underline{\quad}$$

$89 + \begin{array}{|c|} \hline 6 \\ \hline \end{array}$

$$89 + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} = \underline{\quad}$$

$78 + \begin{array}{|c|} \hline 5 \\ \hline \end{array}$

$$78 + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} = \underline{\quad}$$

ADDITION (ZE + E MIT ZEHNERÜBERGANG)

1. a) $39 + 7 = \underline{\quad}$
 $54 + 8 = \underline{\quad}$
 $67 + 5 = \underline{\quad}$
 $83 + 9 = \underline{\quad}$

b) $78 + 4 = \underline{\quad}$
 $45 + 7 = \underline{\quad}$
 $26 + 8 = \underline{\quad}$
 $69 + 9 = \underline{\quad}$

c) $37 + 7 = \underline{\quad}$
 $58 + 6 = \underline{\quad}$
 $84 + 9 = \underline{\quad}$
 $78 + 8 = \underline{\quad}$

2. a)

+4	
59	
87	
38	
99	

b)

+8	
77	
49	
65	
93	

c)

+7	
84	
56	
28	
96	

3. Carlo spart schon lange für ein ferngesteuertes Auto. Es kostet 44 Euro. Von seiner Oma bekommt er 7 Euro geschenkt. In seinem Sparschwein sind 36 Euro. Reicht sein Geld?

Rechnung:

Antwort:

SUBTRAKTION (ZE – ZE OHNE ZEHNERÜBERGANG)

1. Ziehe die Einer und die Zehner einzeln ab.

a) $\begin{array}{|c|c|} \hline 3 & 7 \\ \hline \end{array} - \begin{array}{|c|c|} \hline 1 & 5 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

b) $\begin{array}{|c|c|} \hline 4 & 9 \\ \hline \end{array} - \begin{array}{|c|c|} \hline 2 & 4 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

2. Ziehe die Einer und die Zehner einzeln ab.

a)

$\begin{array}{|c|c|} \hline Z & E \\ \hline \end{array} - \begin{array}{|c|c|} \hline Z & E \\ \hline \end{array} = \begin{array}{|c|c|} \hline Z & E \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline 6 & 8 \\ \hline \end{array} - \begin{array}{|c|c|} \hline 3 & 5 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline 7 & 6 \\ \hline \end{array} - \begin{array}{|c|c|} \hline 4 & 3 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline 5 & 4 \\ \hline \end{array} - \begin{array}{|c|c|} \hline 2 & 2 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline 9 & 5 \\ \hline \end{array} - \begin{array}{|c|c|} \hline 6 & 5 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline 4 & 9 \\ \hline \end{array} - \begin{array}{|c|c|} \hline 1 & 6 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

b)

$\begin{array}{|c|c|} \hline Z & E \\ \hline \end{array} - \begin{array}{|c|c|} \hline Z & E \\ \hline \end{array} = \begin{array}{|c|c|} \hline Z & E \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline 5 & 6 \\ \hline \end{array} - \begin{array}{|c|c|} \hline 4 & 4 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline 9 & 3 \\ \hline \end{array} - \begin{array}{|c|c|} \hline 5 & 3 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline 7 & 8 \\ \hline \end{array} - \begin{array}{|c|c|} \hline 3 & 6 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline 6 & 7 \\ \hline \end{array} - \begin{array}{|c|c|} \hline 4 & 2 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline 9 & 5 \\ \hline \end{array} - \begin{array}{|c|c|} \hline 6 & 1 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

c)

$\begin{array}{|c|c|} \hline Z & E \\ \hline \end{array} - \begin{array}{|c|c|} \hline Z & E \\ \hline \end{array} = \begin{array}{|c|c|} \hline Z & E \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline 3 & 9 \\ \hline \end{array} - \begin{array}{|c|c|} \hline 2 & 7 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline 6 & 5 \\ \hline \end{array} - \begin{array}{|c|c|} \hline 4 & 3 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline 9 & 2 \\ \hline \end{array} - \begin{array}{|c|c|} \hline 5 & 1 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline 7 & 8 \\ \hline \end{array} - \begin{array}{|c|c|} \hline 3 & 8 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline 6 & 4 \\ \hline \end{array} - \begin{array}{|c|c|} \hline 2 & 3 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

SUBTRAKTION (ZE – ZE OHNE ZEHNERÜBERGANG)

1. Subtrahiere stellenweise.

a) $67 - 34 = \underline{\quad}$

$78 - 52 = \underline{\quad}$

$44 - 24 = \underline{\quad}$

$89 - 43 = \underline{\quad}$

b) $99 - 68 = \underline{\quad}$

$76 - 42 = \underline{\quad}$

$83 - 52 = \underline{\quad}$

$68 - 34 = \underline{\quad}$

c) $67 - 56 = \underline{\quad}$

$95 - 42 = \underline{\quad}$

$79 - 39 = \underline{\quad}$

$87 - 63 = \underline{\quad}$

2. Bilde mit den Zahlen alle möglichen Minusaufgaben und rechne.

$\begin{array}{|c|} \hline 89 \\ \hline \end{array} \begin{array}{|c|} \hline 47 \\ \hline \end{array} \begin{array}{|c|} \hline 55 \\ \hline \end{array} \ominus \begin{array}{|c|} \hline 56 \\ \hline \end{array} \begin{array}{|c|} \hline 31 \\ \hline \end{array} \begin{array}{|c|} \hline 63 \\ \hline \end{array} \begin{array}{|c|} \hline 45 \\ \hline \end{array}$

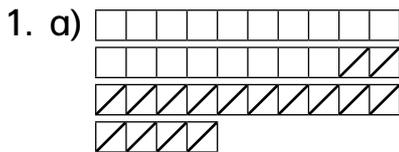
$\underline{\quad} - \underline{\quad} = \underline{\quad}$

3. Mutter hat 88 Euro. Sie bezahlt beim Bäcker 23 Euro und im Schuhgeschäft 44 Euro. Wie viel Geld hat sie noch übrig?

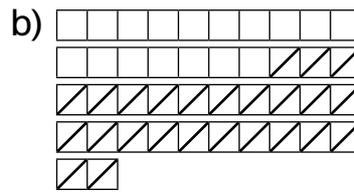
Rechnung:

Antwort: $\underline{\quad}$

SUBTRAKTION (ZE – ZE MIT ZEHNERÜBERGANG)



$$34 - 16 = \underline{\quad}$$



$$42 - 25 = \underline{\quad}$$

2. a) $73 - 36 = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

$$\begin{array}{r} 73 \\ - 36 \\ \hline \end{array}$$

$73 - 6 = \begin{array}{|c|c|} \hline \text{shaded} & \text{shaded} \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline \text{shaded} & \text{shaded} \\ \hline \end{array} - 30 = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

b) $65 - 47 = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

$$\begin{array}{r} 65 \\ - 47 \\ \hline \end{array}$$

$65 - 7 = \begin{array}{|c|c|} \hline \text{shaded} & \text{shaded} \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline \text{shaded} & \text{shaded} \\ \hline \end{array} - 40 = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

c) $81 - 25 = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

$$\begin{array}{r} 81 \\ - 25 \\ \hline \end{array}$$

$81 - 5 = \begin{array}{|c|c|} \hline \text{shaded} & \text{shaded} \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline \text{shaded} & \text{shaded} \\ \hline \end{array} - 20 = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

d) $52 - 34 = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

$$\begin{array}{r} 52 \\ - 34 \\ \hline \end{array}$$

$52 - 4 = \begin{array}{|c|c|} \hline \text{shaded} & \text{shaded} \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline \text{shaded} & \text{shaded} \\ \hline \end{array} - 30 = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

e) $96 - 57 = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

$$\begin{array}{r} 96 \\ - 57 \\ \hline \end{array}$$

$96 - 7 = \begin{array}{|c|c|} \hline \text{shaded} & \text{shaded} \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline \text{shaded} & \text{shaded} \\ \hline \end{array} - 50 = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

f) $77 - 49 = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

$$\begin{array}{r} 77 \\ - 49 \\ \hline \end{array}$$

$77 - 9 = \begin{array}{|c|c|} \hline \text{shaded} & \text{shaded} \\ \hline \end{array}$

$\begin{array}{|c|c|} \hline \text{shaded} & \text{shaded} \\ \hline \end{array} - 40 = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$

SUBTRAKTION (ZE – ZE MIT ZEHNERÜBERGANG)

1. a) $63 - 45 = \underline{\quad}$

$$71 - 58 = \underline{\quad}$$

$$95 - 28 = \underline{\quad}$$

$$82 - 36 = \underline{\quad}$$

b) $56 - 29 = \underline{\quad}$

$$74 - 37 = \underline{\quad}$$

$$63 - 48 = \underline{\quad}$$

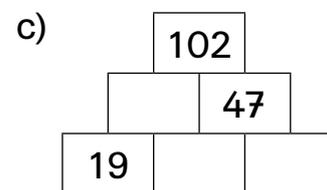
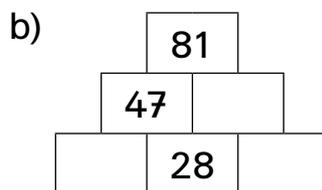
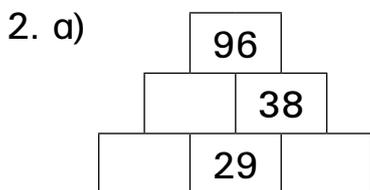
$$31 - 26 = \underline{\quad}$$

c) $94 - 69 = \underline{\quad}$

$$53 - 38 = \underline{\quad}$$

$$61 - 53 = \underline{\quad}$$

$$73 - 57 = \underline{\quad}$$



3. Zahlenrätsel: Die gesuchte Zahl ist um 24 kleiner als 91.

Aufgabe: _____

Die gesuchte Zahl heißt: _____