

Häusliche Lernzeit ab 04.01.2021  
Aufgaben für Mathematik

1. Zahlen bis 100 000

| Aufgabe                                                                                                                                                                          | Erledigt am: |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <i>Diese Aufgaben sind dir bekannt. Nummer 3 sind Zahlenfolgen. Überlege, wie du die fehlenden Zahlen errechnen kannst. Werden die Zahlen größer, oder kleiner? Um wie viel?</i> |              |
| AB 1                                                                                                                                                                             |              |

2. Runden

| Aufgabe                                                              | Erledigt am: |
|----------------------------------------------------------------------|--------------|
| <i>Diese Aufgaben kennst du schon. Beachte die Aufgabenstellung!</i> |              |
| AB 2                                                                 |              |

3. Addieren und Subtrahieren

| Aufgabe                                                                                   | Erledigt am: |
|-------------------------------------------------------------------------------------------|--------------|
| <i>In diesen Aufgaben stecken dir bekannte Aufgaben darin. Beachte genau die Stellen!</i> |              |
| AB 3 <i>Es gibt Pflicht- und Zusatzaufgaben. *!</i>                                       |              |
| AB 4                                                                                      |              |

4. Subtrahieren

| Aufgabe                                                                                                                               | Erledigt am: |
|---------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <i>Arbeite bitte konzentriert. Du musst genau auf die Stellen in den Aufgaben achten! Kontrolliere deine Ergebnisse selbst (AB 5)</i> |              |
| AB 5                                                                                                                                  |              |
| AB 6                                                                                                                                  |              |

5. Addieren

| Aufgabe                                                           | Erledigt am: |
|-------------------------------------------------------------------|--------------|
| <i>Arbeite zügig und konzentriert! Beachte die Stellen genau!</i> |              |
| AB 7                                                              |              |
| AB 8                                                              |              |

6. Geometrie

| Aufgabe                                                                                            | Erledigt am: |
|----------------------------------------------------------------------------------------------------|--------------|
| <i>Zeichne zuerst die Muster mit Lineal und Bleistift, danach male mit Buntstiften farbig aus!</i> |              |
| AB 9 + 10                                                                                          |              |

So, geschafft! Hefte alle Arbeitsblätter nun in deinem Hefter ab. Ich kontrolliere sie dann!

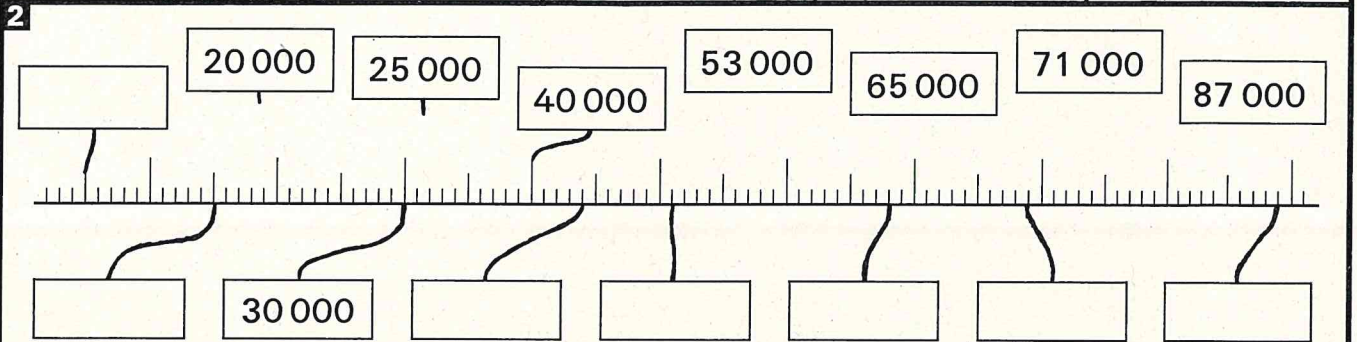
Auf ein baldiges Wiedersehen, mit herzlichen Grüßen

Trummer



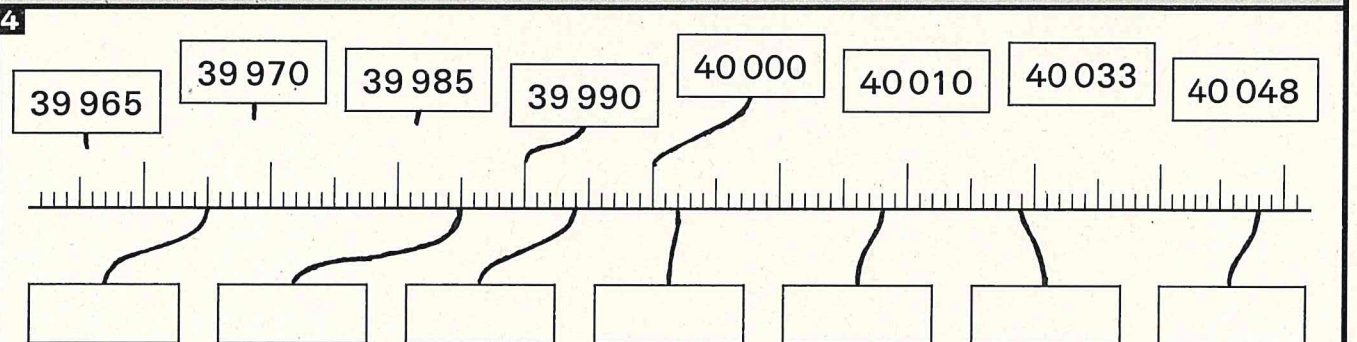
Ordne nach dem Stellenwert und schreibe die Zahlen.

|                                  |                                  |                                  |                                  |                                  |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| H 4<br>Z 3<br>ZT 2<br>T 6<br>E 1 | ZT 4<br>E 3<br>H 3<br>T 1<br>Z 2 | Z 4<br>E 5<br>H 3<br>ZT 1<br>T 2 | ZT 6<br>E 7<br>H 7<br>T 6<br>Z 7 | E 1<br>Z 0<br>H 9<br>T 0<br>ZT 3 |
| _____                            | _____                            | _____                            | _____                            | _____                            |



3

|        |        |        |        |        |  |        |
|--------|--------|--------|--------|--------|--|--------|
| 21 000 | 24 000 |        |        |        |  | 39 000 |
| 39 000 | 46 000 |        |        |        |  | 81 000 |
|        |        | 33 000 | 42 000 | 51 000 |  |        |



5

Ordne nach der Größe.

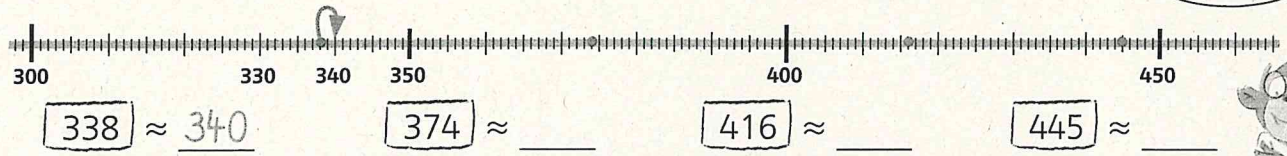
|                                                          |        |                                                          |  |                                                          |  |
|----------------------------------------------------------|--------|----------------------------------------------------------|--|----------------------------------------------------------|--|
| 24 860<br>64 820<br>24 880<br>62 480<br>26 480<br>48 620 | 24 680 | 41 234<br>41 243<br>42 341<br>41 342<br>42 413<br>42 431 |  | 67 667<br>66 776<br>67 766<br>66 776<br>67 676<br>66 666 |  |
|----------------------------------------------------------|--------|----------------------------------------------------------|--|----------------------------------------------------------|--|

6

|            |        |        |        |        |        |
|------------|--------|--------|--------|--------|--------|
| Vorgänger  | 52 382 |        |        | 87 999 |        |
|            | 52 383 | 94 719 | 30 000 |        |        |
| Nachfolger |        |        |        |        | 34 101 |



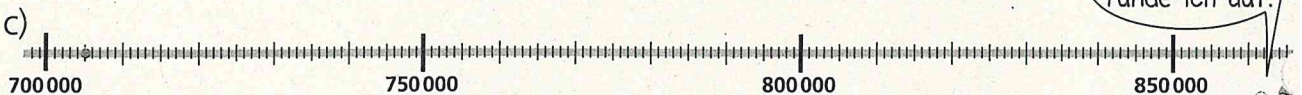
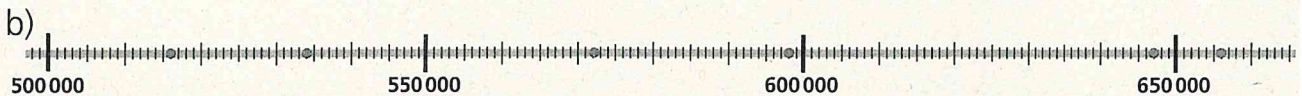
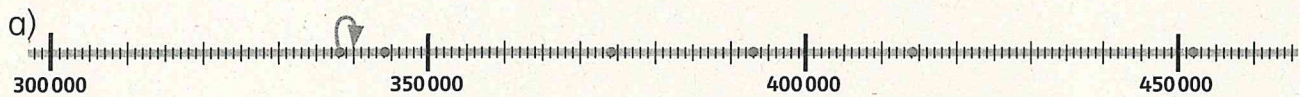
1 Welche Zehnerzahl liegt näher? Zeichne Pfeile. Runde.



Ab 5 runde ich auf.



2 Welche Zehntausenderzahl liegt näher? Zeichne und runde.



Ab 5 000 runde ich auf.



3 Zeige am Zahlenstrahl. Runde auf Zehntausender.





## ☐ Mündliches Addieren und Subtrahieren

1.  $2\,000 + 1\,000 =$   
 $5\,000 + 1\,000 =$   
 $7\,000 + 1\,000 =$   
 $9\,000 + 1\,000 =$

2.  $3\,000 + 2\,000 =$   
 $6\,000 + 2\,000 =$   
 $8\,000 + 2\,000 =$   
 $5\,000 + 2\,000 =$

3.  $4\,000 + 4\,000 =$   
 $2\,000 + 5\,000 =$   
 $3\,000 + 6\,000 =$   
 $6\,000 + 4\,000 =$

4.  $4\,500 + 3\,000 =$   
 $7\,600 + 2\,000 =$   
 $1\,900 + 4\,000 =$   
 $6\,300 + 3\,000 =$

5.  $3\,700 + 2\,000 =$   
 $6\,200 + 3\,000 =$   
 $5\,700 + 4\,000 =$   
 $4\,200 + 4\,000 =$

6.  $5\,300 + 3\,000 =$   
 $4\,900 + 5\,000 =$   
 $2\,500 + 6\,000 =$   
 $5\,800 + 4\,000 =$

7.

| +     | 300 | 500 |
|-------|-----|-----|
| 4 200 |     |     |
| 7 400 |     |     |
| 5 500 |     |     |

8.

| +     | 400 | 700 |
|-------|-----|-----|
| 5 200 |     |     |
| 6 100 |     |     |
| 7 300 |     |     |

9.  $5\,600 + 200 =$   
 $4\,300 + 600 =$   
 $7\,300 + 400 =$   
 $9\,200 + 700 =$

10.  $7\,200 + 400 =$   
 $3\,100 + 700 =$   
 $5\,100 + 600 =$   
 $6\,100 + 800 =$

11.  $3\,400 + 1\,500 =$   
 $5\,600 + 1\,300 =$   
 $6\,300 + 1\,500 =$   
 $4\,500 + 1\,200 =$

1.  $8\,000 - 2\,000 =$   
 $6\,000 - 1\,000 =$   
 $7\,000 - 2\,000 =$   
 $9\,000 - 2\,000 =$

2.  $5\,000 - 3\,000 =$   
 $8\,000 - 4\,000 =$   
 $9\,000 - 3\,000 =$   
 $7\,000 - 4\,000 =$

3.  $6\,000 - 5\,000 =$   
 $9\,000 - 4\,000 =$   
 $7\,000 - 7\,000 =$   
 $8\,000 - 6\,000 =$

4.  $4\,000 - 400 =$   
 $7\,000 - 700 =$   
 $9\,000 - 900 =$   
 $6\,000 - 600 =$

5.  $5\,000 - 800 =$   
 $8\,000 - 500 =$   
 $3\,000 - 700 =$   
 $4\,000 - 300 =$

6.  $3\,400 - 400 =$   
 $6\,200 - 200 =$   
 $5\,900 - 900 =$   
 $9\,700 - 700 =$

7.

| -     | 3 | 30 |
|-------|---|----|
| 5 000 |   |    |
| 8 000 |   |    |
| 4 000 |   |    |

8.

| -     | 80 | 800 |
|-------|----|-----|
| 7 000 |    |     |
| 6 000 |    |     |
| 9 000 |    |     |

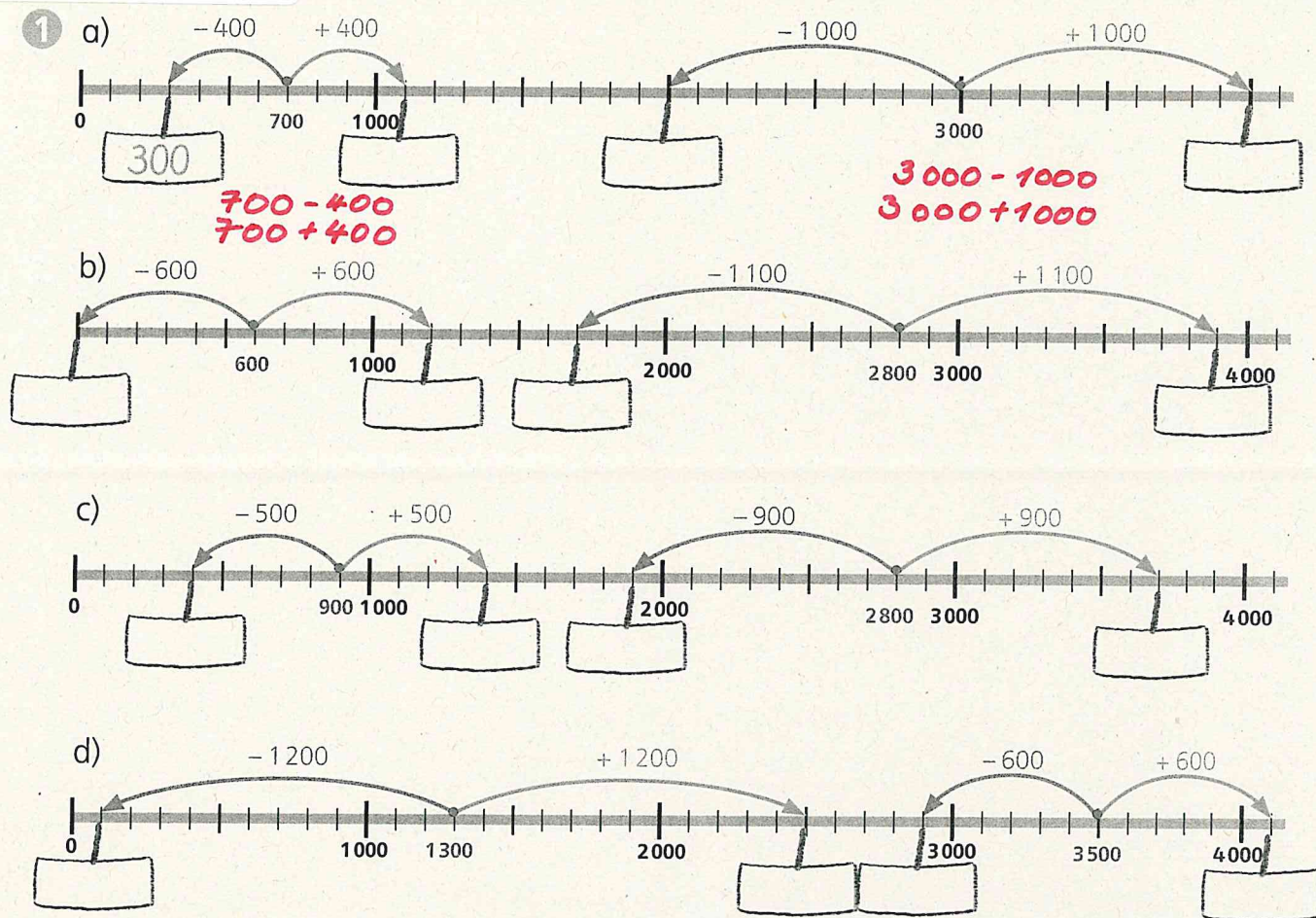
9.

| -      | 1 200 | 1 800 |
|--------|-------|-------|
| 10 000 |       |       |
| 7 000  |       |       |
| 6 800  |       |       |

10.

| -     | 2 500 | 3 100 |
|-------|-------|-------|
| 8 000 |       |       |
| 5 000 |       |       |
| 7 500 |       |       |





2 a)  $8 + 3 = \underline{\quad}$       b)  $12 + 7 = \underline{\quad}$       c)  $21 + 3 = \underline{\quad}$   
 $8 - 3 = \underline{\quad}$        $12 - 7 = \underline{\quad}$        $21 - 3 = \underline{\quad}$

$80 + 30 = \underline{\quad}$        $120 + 70 = \underline{\quad}$        $210 + 30 = \underline{\quad}$   
 $80 - 30 = \underline{\quad}$        $120 - 70 = \underline{\quad}$        $210 - 30 = \underline{\quad}$

$800 + 300 = \underline{\quad}$        $1200 + 700 = \underline{\quad}$        $2100 + 300 = \underline{\quad}$   
 $800 - 300 = \underline{\quad}$        $1200 - 700 = \underline{\quad}$        $2100 - 300 = \underline{\quad}$

3 a)  $45 + 15 = \underline{\quad}$       b)  $53 + 17 = \underline{\quad}$       c)  $28 + 23 = \underline{\quad}$   
 $45 - 15 = \underline{\quad}$        $53 - 17 = \underline{\quad}$        $28 - 23 = \underline{\quad}$

$450 + 150 = \underline{\quad}$        $530 + 170 = \underline{\quad}$        $280 + 230 = \underline{\quad}$   
 $450 - 150 = \underline{\quad}$        $530 - 170 = \underline{\quad}$        $280 - 230 = \underline{\quad}$

$4500 + 1500 = \underline{\quad}$        $5300 + 1700 = \underline{\quad}$        $2800 + 2300 = \underline{\quad}$   
 $4500 - 1500 = \underline{\quad}$        $5300 - 1700 = \underline{\quad}$        $2800 - 2300 = \underline{\quad}$



1 a)  $0 + 4 =$  \_\_\_\_\_  
 $30 + 4 =$  \_\_\_\_\_  
 $35 + 4 =$  \_\_\_\_\_  
 $350 + 4 =$  \_\_\_\_\_  
 $350 + 40 =$  \_\_\_\_\_  
 $350 + 400 =$  \_\_\_\_\_

b)  $240 + 3 =$  \_\_\_\_\_  
 $240 + 30 =$  \_\_\_\_\_  
 $240 + 300 =$  \_\_\_\_\_  
 $180 + 2 =$  \_\_\_\_\_  
 $180 + 20 =$  \_\_\_\_\_  
 $180 + 200 =$  \_\_\_\_\_

c)  $530 + 2 =$  \_\_\_\_\_  
 $530 + 20 =$  \_\_\_\_\_  
 $530 + 200 =$  \_\_\_\_\_  
 $660 + 3 =$  \_\_\_\_\_  
 $660 + 30 =$  \_\_\_\_\_  
 $660 + 300 =$  \_\_\_\_\_

2 a)  $4200 + 5 =$  \_\_\_\_\_  
 $4200 + 50 =$  \_\_\_\_\_  
 $4200 + 500 =$  \_\_\_\_\_  
 $4200 + 5000 =$  \_\_\_\_\_

b)  $5003 + 2 =$  \_\_\_\_\_  
 $5003 + 20 =$  \_\_\_\_\_  
 $5003 + 200 =$  \_\_\_\_\_  
 $5003 + 2000 =$  \_\_\_\_\_

c)  $5600 + 4 =$  \_\_\_\_\_  
 $5600 + 40 =$  \_\_\_\_\_  
 $5600 + 400 =$  \_\_\_\_\_  
 $5600 + 4000 =$  \_\_\_\_\_

d)  $4700 + 4 =$  \_\_\_\_\_  
 $4700 + 40 =$  \_\_\_\_\_  
 $4700 + 400 =$  \_\_\_\_\_  
 $4700 + 4000 =$  \_\_\_\_\_

4205 4250 4500 4700 4704 4740 5005 5023 5100 5203 5604 5640 6000 7003 8700 9200 9600

Kontrolle

3 a)  $3500 + 50 =$  \_\_\_\_\_  
 $3500 + 500 =$  \_\_\_\_\_  
 $3500 + 5000 =$  \_\_\_\_\_

b)  $3070 + 30 =$  \_\_\_\_\_  
 $3070 + 300 =$  \_\_\_\_\_  
 $3070 + 3000 =$  \_\_\_\_\_

c)  $3600 + 4000 =$  \_\_\_\_\_  
 $3600 + 400 =$  \_\_\_\_\_  
 $3600 + 40 =$  \_\_\_\_\_

d)  $5070 + 4000 =$  \_\_\_\_\_  
 $5070 + 400 =$  \_\_\_\_\_  
 $5070 + 40 =$  \_\_\_\_\_

e)  $2400 + 30 =$  \_\_\_\_\_  
 $2400 + 300 =$  \_\_\_\_\_  
 $2400 + 3000 =$  \_\_\_\_\_

f)  $2800 + 60 =$  \_\_\_\_\_  
 $2800 + 600 =$  \_\_\_\_\_  
 $2800 + 6000 =$  \_\_\_\_\_

2430 2700 2860 3100 3370 3400 3500 3550 3640 4000 4000 5110 5400 5470 6070 7600 8500 8800 9070

Kontrolle

4 a)

| +    | 30 | 300 | 3000 |
|------|----|-----|------|
| 7    |    |     |      |
| 70   |    |     |      |
| 700  |    |     |      |
| 7000 |    |     |      |

b)

| +    | 50 | 500 | 5000 |
|------|----|-----|------|
| 5    |    |     |      |
| 51   |    |     |      |
| 510  |    |     |      |
| 5100 |    |     |      |





# Addieren

1 a)  $60 + 20 =$  \_\_\_\_\_ b)  $40 + 30 =$  \_\_\_\_\_ c)  $70 + 20 =$  \_\_\_\_\_  
 $600 + 200 =$  \_\_\_\_\_  $400 + 300 =$  \_\_\_\_\_  $700 + 200 =$  \_\_\_\_\_  
 $6000 + 2000 =$  \_\_\_\_\_  $4000 + 3000 =$  \_\_\_\_\_  $7000 + 2000 =$  \_\_\_\_\_  
 $6000 + 3000 =$  \_\_\_\_\_  $4000 + 5000 =$  \_\_\_\_\_  $7000 + 3000 =$  \_\_\_\_\_  
 $600 + 300 =$  \_\_\_\_\_  $400 + 500 =$  \_\_\_\_\_  $700 + 300 =$  \_\_\_\_\_  
 $60 + 30 =$  \_\_\_\_\_  $40 + 50 =$  \_\_\_\_\_  $70 + 30 =$  \_\_\_\_\_

2 a)  $80 + 30 =$  \_\_\_\_\_ b)  $50 + 70 =$  \_\_\_\_\_ c)  $90 + 60 =$  \_\_\_\_\_  
 $800 + 300 =$  \_\_\_\_\_  $500 + 700 =$  \_\_\_\_\_  $900 + 600 =$  \_\_\_\_\_  
 $8000 + 3000 =$  \_\_\_\_\_  $5000 + 7000 =$  \_\_\_\_\_  $9000 + 6000 =$  \_\_\_\_\_  
 $8000 + 5000 =$  \_\_\_\_\_  $5000 + 6000 =$  \_\_\_\_\_  $9000 + 8000 =$  \_\_\_\_\_  
 $800 + 500 =$  \_\_\_\_\_  $500 + 600 =$  \_\_\_\_\_  $900 + 800 =$  \_\_\_\_\_  
 $80 + 50 =$  \_\_\_\_\_  $50 + 60 =$  \_\_\_\_\_  $90 + 80 =$  \_\_\_\_\_

3 a)

| +    | 3000 | 5000 | 8000 |
|------|------|------|------|
| 5000 |      |      |      |
| 7000 |      |      |      |
| 9000 |      |      |      |

b)

| +    | 4000 | 7000 | 9000 |
|------|------|------|------|
| 4000 |      |      |      |
| 6000 |      |      |      |
| 8000 |      |      |      |

4 a)  $400 + 500 =$  \_\_\_\_\_  
 $4000 + 5000 =$  \_\_\_\_\_  
 $40000 + 50000 =$  \_\_\_\_\_  
 $40000 + 30000 =$  \_\_\_\_\_  
 $4000 + 3000 =$  \_\_\_\_\_  
 $400 + 300 =$  \_\_\_\_\_

b)  $600 + 200 =$  \_\_\_\_\_  
 $6000 + 2000 =$  \_\_\_\_\_  
 $60000 + 20000 =$  \_\_\_\_\_  
 $60000 + 40000 =$  \_\_\_\_\_  
 $6000 + 4000 =$  \_\_\_\_\_  
 $600 + 400 =$  \_\_\_\_\_

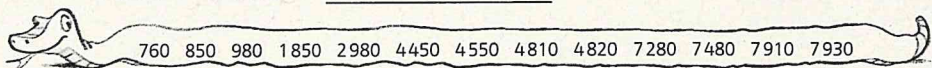
5 a)  $2000 + 3000 =$  \_\_\_\_\_  
 $20000 + 30000 =$  \_\_\_\_\_  
 $200000 + 300000 =$  \_\_\_\_\_  
 $300000 + 400000 =$  \_\_\_\_\_  
 $30000 + 40000 =$  \_\_\_\_\_  
 $3000 + 4000 =$  \_\_\_\_\_

b)  $5000 + 5000 =$  \_\_\_\_\_  
 $50000 + 50000 =$  \_\_\_\_\_  
 $500000 + 500000 =$  \_\_\_\_\_  
 $200000 + 400000 =$  \_\_\_\_\_  
 $20000 + 40000 =$  \_\_\_\_\_  
 $2000 + 4000 =$  \_\_\_\_\_



1 a)  $4850 - 4000 =$  \_\_\_\_\_  
 $4850 - 400 =$  \_\_\_\_\_  
 $4850 - 40 =$  \_\_\_\_\_  
 $4850 - 30 =$  \_\_\_\_\_  
 $4850 - 300 =$  \_\_\_\_\_  
 $4850 - 3000 =$  \_\_\_\_\_

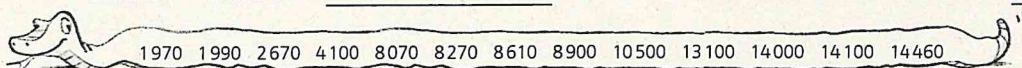
b)  $7980 - 5000 =$  \_\_\_\_\_  
 $7980 - 500 =$  \_\_\_\_\_  
 $7980 - 50 =$  \_\_\_\_\_  
 $7980 - 70 =$  \_\_\_\_\_  
 $7980 - 700 =$  \_\_\_\_\_  
 $7980 - 7000 =$  \_\_\_\_\_



*Kontrolliere deine Ergebnisse!*

2 a)  $8670 - 6000 =$  \_\_\_\_\_  
 $8670 - 600 =$  \_\_\_\_\_  
 $8670 - 60 =$  \_\_\_\_\_  
 $8970 - 70 =$  \_\_\_\_\_  
 $8970 - 700 =$  \_\_\_\_\_  
 $8970 - 7000 =$  \_\_\_\_\_

b)  $14500 - 4000 =$  \_\_\_\_\_  
 $14500 - 400 =$  \_\_\_\_\_  
 $14500 - 40 =$  \_\_\_\_\_  
 $14100 - 100 =$  \_\_\_\_\_  
 $14100 - 1000 =$  \_\_\_\_\_  
 $14100 - 10000 =$  \_\_\_\_\_



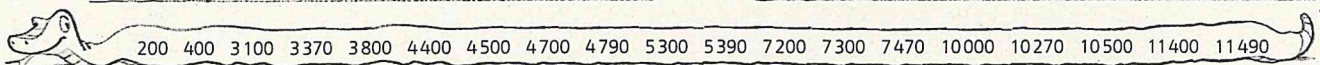
*Kontrolle!*

3 a)

| -     | 1000 | 100 | 10 |
|-------|------|-----|----|
| 5400  |      |     |    |
| 4800  |      |     |    |
| 11500 |      |     |    |

b)

| -     | 3000 | 300 | 30 |
|-------|------|-----|----|
| 3400  |      |     |    |
| 7500  |      |     |    |
| 10300 |      |     |    |



*Kontrolle!*

4 a)  $5500 - 4000 =$  \_\_\_\_\_  
 $5500 - 400 =$  \_\_\_\_\_  
 $5500 - 40 =$  \_\_\_\_\_

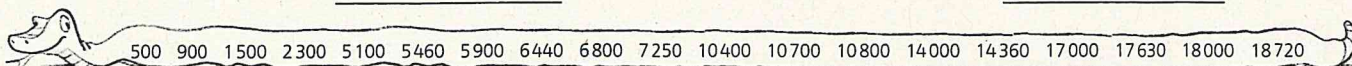
b)  $17700 - 7000 =$  \_\_\_\_\_  
 $17700 - 700 =$  \_\_\_\_\_  
 $17700 - 70 =$  \_\_\_\_\_

c)  $6500 - 60 =$  \_\_\_\_\_  
 $6500 - 600 =$  \_\_\_\_\_  
 $6500 - 6000 =$  \_\_\_\_\_

d)  $18800 - 80 =$  \_\_\_\_\_  
 $18800 - 800 =$  \_\_\_\_\_  
 $18800 - 8000 =$  \_\_\_\_\_

e)  $7300 - 5000 =$  \_\_\_\_\_  
 $7300 - 500 =$  \_\_\_\_\_  
 $7300 - 50 =$  \_\_\_\_\_

f)  $14400 - 4000 =$  \_\_\_\_\_  
 $14400 - 400 =$  \_\_\_\_\_  
 $14400 - 40 =$  \_\_\_\_\_



*Kontrolle!*



1 a)  $8 - 2 =$  \_\_\_\_\_  
 $80 - 20 =$  \_\_\_\_\_  
 $800 - 200 =$  \_\_\_\_\_

b)  $70 - 30 =$  \_\_\_\_\_  
 $700 - 300 =$  \_\_\_\_\_  
 $7000 - 3000 =$  \_\_\_\_\_

c)  $90 - 50 =$  \_\_\_\_\_  
 $900 - 500 =$  \_\_\_\_\_  
 $9000 - 5000 =$  \_\_\_\_\_

$800 - 500 =$  \_\_\_\_\_  
 $80 - 50 =$  \_\_\_\_\_  
 $8 - 5 =$  \_\_\_\_\_

$7000 - 5000 =$  \_\_\_\_\_  
 $700 - 500 =$  \_\_\_\_\_  
 $70 - 50 =$  \_\_\_\_\_

$9000 - 3000 =$  \_\_\_\_\_  
 $900 - 300 =$  \_\_\_\_\_  
 $90 - 30 =$  \_\_\_\_\_

2 a)  $12 - 3 =$  \_\_\_\_\_  
 $120 - 30 =$  \_\_\_\_\_  
 $1200 - 300 =$  \_\_\_\_\_

b)  $21 - 3 =$  \_\_\_\_\_  
 $210 - 30 =$  \_\_\_\_\_  
 $2100 - 300 =$  \_\_\_\_\_

c)  $42 - 6 =$  \_\_\_\_\_  
 $420 - 60 =$  \_\_\_\_\_  
 $4200 - 600 =$  \_\_\_\_\_

$1500 - 700 =$  \_\_\_\_\_  
 $150 - 70 =$  \_\_\_\_\_  
 $15 - 7 =$  \_\_\_\_\_

$2400 - 500 =$  \_\_\_\_\_  
 $240 - 50 =$  \_\_\_\_\_  
 $24 - 5 =$  \_\_\_\_\_

$6300 - 700 =$  \_\_\_\_\_  
 $630 - 70 =$  \_\_\_\_\_  
 $63 - 7 =$  \_\_\_\_\_

3 a)

| -     | 2000 | 5000 | 7000 |
|-------|------|------|------|
| 9000  |      |      |      |
| 7000  |      |      |      |
| 10000 |      |      |      |

b)

| -    | 500 | 600 | 2000 |
|------|-----|-----|------|
| 2500 |     |     |      |
| 3000 |     |     |      |
| 5400 |     |     |      |

4 a)  $700 - 200 =$  \_\_\_\_\_  
 $7000 - 2000 =$  \_\_\_\_\_  
 $70000 - 20000 =$  \_\_\_\_\_

b)  $100 - 60 =$  \_\_\_\_\_  
 $1000 - 600 =$  \_\_\_\_\_  
 $10000 - 6000 =$  \_\_\_\_\_

$60000 - 30000 =$  \_\_\_\_\_  
 $6000 - 3000 =$  \_\_\_\_\_  
 $600 - 300 =$  \_\_\_\_\_

$18000 - 5000 =$  \_\_\_\_\_  
 $1800 - 500 =$  \_\_\_\_\_  
 $180 - 50 =$  \_\_\_\_\_

5 a)  $9000 - 4000 =$  \_\_\_\_\_  
 $90000 - 40000 =$  \_\_\_\_\_  
 $900000 - 400000 =$  \_\_\_\_\_

b)  $1600 - 400 =$  \_\_\_\_\_  
 $16000 - 4000 =$  \_\_\_\_\_  
 $160000 - 40000 =$  \_\_\_\_\_

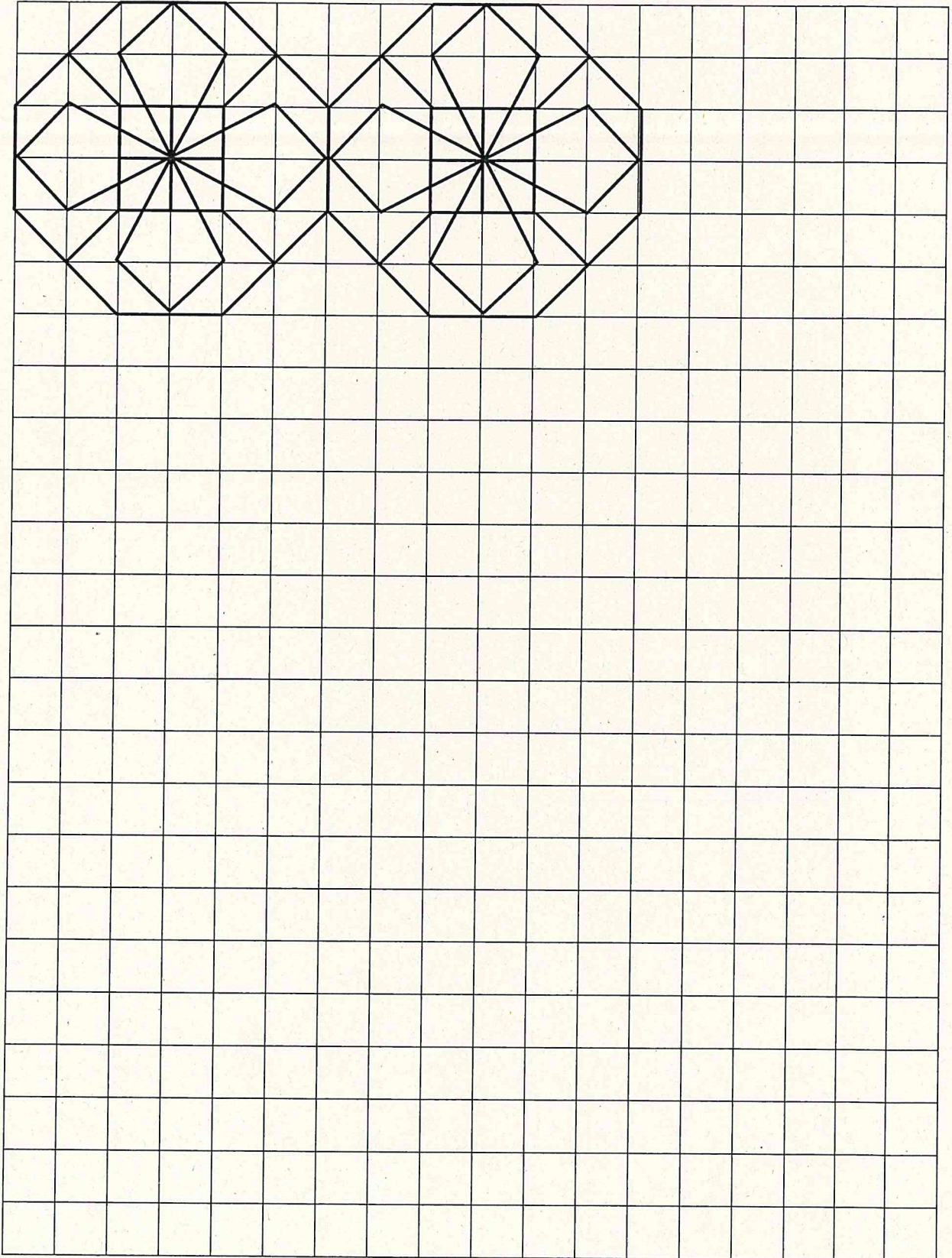
$500000 - 300000 =$  \_\_\_\_\_  
 $50000 - 30000 =$  \_\_\_\_\_  
 $5000 - 3000 =$  \_\_\_\_\_

$120000 - 30000 =$  \_\_\_\_\_  
 $12000 - 3000 =$  \_\_\_\_\_  
 $1200 - 300 =$  \_\_\_\_\_

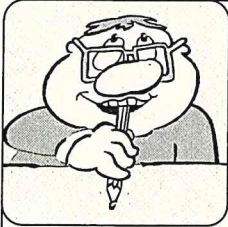




Wenn du eine Reihe komplett gezeichnet hast, verschiebe diese Reihe wiederum um 6 Kästchen nach unten, bis das Blatt voll ist. Male bunt aus.







Drehe die graue Figur im Uhrzeigersinn immer weiter um  $10^\circ$ .  
Male farbig aus.

