

SUBTRACTION

Method: Breaking down both numbers

$$\begin{aligned} & 4687 - 2143 \\ & = 4000 + 600 + 80 + 7 - 2000 - 100 - 40 - 3 \\ & = (4000 - 2000) + (600 - 100) + (80 - 40) + (7 - 3) \\ & = 2000 + 500 + 40 + 4 \\ & = 2544 \end{aligned}$$

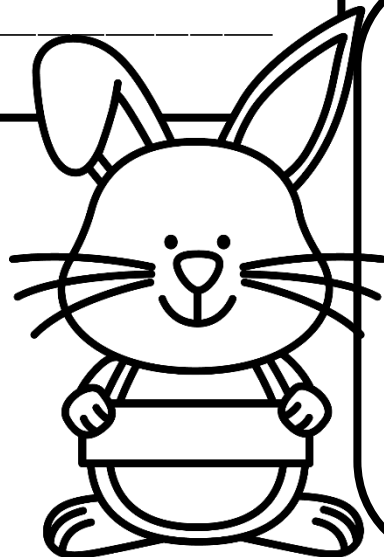
- Break down each number.
- Then subtract the thousands, Hundreds, tens and ones.
- Add the answers together.

Calculate the sums by using the method above.

$$1642 - 1268$$

$$2598 - 356$$

$$3369 + 1246$$



SUBTRACTION

Compensation method:

Learners cannot subtract 4 from 3 or 80 from 40. Instead of breaking down 743 into 700 + 40 + 3 they will break down 743 into 600 + 130 + 13. Then they can subtract 4 from 13 and 80 from 130.

Calculate: $8\,743 - 5\,684$

$$8\,743 - 5\,684 = (8\,000 + 700 + 40 + 3) - 5\,000 - 600 - 80 - 4$$

$$= (8\,000 + 600 + 130 + 13) - 5\,000 - 600 - 80 - 4$$

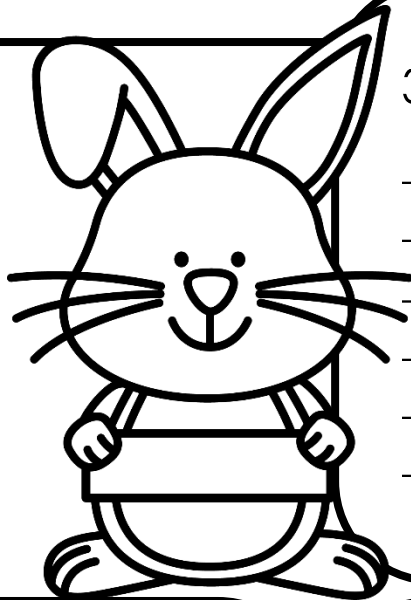
(breaking up 743 into 600 + 130 + 13)

$$= (8\,000 - 5\,000) + (600 - 600) + (130 - 80) + (13 - 4)$$

$$= 3\,000 + 0 + 50 + 9$$

$$= 3\,059$$

Calculate the sums by using the method above.



$$3\,568 - 1\,689$$

$$7\,485 - 3\,597$$

$$5\,883 - 3\,995$$

ADDITION

Method: Fill up the HUNDREDS

Calculate $2\,486 + 48$

$$\begin{aligned} 2\,486 + 48 &= (2\,486 + 14) - 14 + 48 \\ &= 2\,500 + (48 - 14) \\ &= 2\,500 + 34 \\ &= 2\,534 \end{aligned}$$

FILL UP THE HUNDREDS.

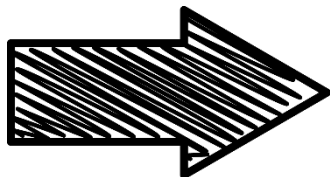
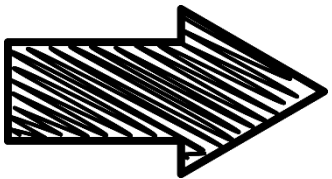
225

684

568

344

471



$$3\,526 + 97$$

$$4\,324 + 98$$

$$8\,159 + 62$$

$$8\,976 + 41$$

Calculate the sums by using the method above.

LONG DIVISION

Example:

$$9 \overline{) 947} \div 9 =$$

$$\begin{array}{r} 105 \text{ r } 2 \\ 9 \overline{) 947} \\ \underline{-9} \\ 04 \\ \underline{-0} \\ 47 \\ \underline{-45} \\ 2 \end{array}$$

Calculate the following sums:

$$375 \div 8 =$$

$$325 \div 3 =$$

$$649 \div 5 =$$