

Subtracting mentally (3)

Subtract numbers mentally



Challenge 1

Subtract these numbers mentally.

- | | | |
|----------------|----------------|-----------------|
| a 19 265 – 50 | b 18 487 – 300 | c 25 761 – 5000 |
| d 29 938 – 600 | e 34 528 – 70 | f 35 761 – 6000 |
| g 37 417 – 800 | h 39 265 – 90 | i 43 872 – 4000 |
| j 46 236 – 70 | k 48 582 – 600 | l 53 387 – 8000 |

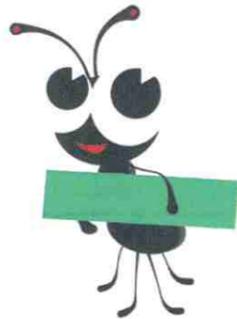
Challenge 2

1 Subtract these numbers mentally.

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|----------------|-----------------|
| a 23 497 – 360 | b 26 725 – 3400 |
| c 31 872 – 540 | d 34 286 – 5100 |
| e 38 721 – 810 | f 39 296 – 4300 |
| g 44 187 – 650 | h 47 287 – 8100 |

2 Subtract these numbers mentally.

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|---------------------|---------------------|
| a 145 738 – 30 000 | b 167 498 – 5000 |
| c 189 386 – 100 000 | d 254 276 – 7000 |
| e 276 298 – 50 000 | f 351 782 – 200 000 |
| g 385 286 – 900 | h 427 318 – 300 000 |



You will need:

- 1–6 dice

3 Work with a partner.

- Choose a 6-digit number greater than 600 000 and both write it down.
- Each choose a different place value: 100 000s, 10 000s, 1000s or 100s.
- Each roll the dice and use the digit rolled to make a number, with the place value you chose.
- Subtract your number from the number you both chose.
- Check each other's calculations.

Do this ten times.



I chose 1000s
and rolled a 3 so my
number is 3000.

Challenge 3

1 Subtract these numbers mentally.

- | | |
|---------------------|---------------------|
| a 53 652 – 8700 | b 57 131 – 8500 |
| c 68 345 – 890 | d 75 462 – 6500 |
| e 81 762 – 7900 | f 87 438 – 860 |
| g 487 897 – 60 000 | h 491 243 – 200 000 |
| i 523 297 – 8000 | j 629 026 – 30 000 |
| k 657 382 – 400 000 | l 683 621 – 90 000 |

2 Use mental methods to find the missing numbers.

- | | |
|-------------------------|-------------------------|
| a 53 823 – ★ = 53 473 | b 58 762 – ★ = 52 862 |
| c 64 381 – ★ = 63 641 | d 79 268 – ★ = 72 868 |
| e 83 726 – ★ = 76 526 | f 92 467 – ★ = 91 737 |
| g 376 878 – ★ = 336 878 | h 445 983 – ★ = 437 983 |
| i 482 531 – ★ = 182 531 | j 578 357 – ★ = 518 357 |
| k 621 788 – ★ = 616 788 | l 685 821 – ★ = 635 821 |

