ACTIVITAT 5



Els nombres van ser inventats al començament de la humanitat per respondre a la pregunta “Quant?”. Quants infants hi ha a la tribu? Quants bens hi ha en el ramat?Quants estels hi ha al cel? Quants diez falten perquè hi torni a haver lluna plena? Els nombres són un dels invents més importants de la humanitat; gràcies a ells podem comptar, mesurar, calcular.

De la mateixa manera que la humanitat ha après a conservar el foc, també ha après a conservar els nombres. Per recordar-se d’una quantitat, en conservaven un rastre fent marques en ossos, roques i, també, utilitzant objectes, pedretes, calcullus, petxines, nusos de corda. Després, van pasar a inscriure signes sobre alguns suports: argila, fusta, papirs. Així va néixer l’escriptura.

Després d’haver representat els nombres, els homes van començar a calcular, a fer operacions, la suma, primer, i després la multiplicació. Comptar, ordenar, enumerar, clasificar.

ACTIVITAT 1

1) Resol els següents camins numèrics:

a)

|  |  |  |  |
| --- | --- | --- | --- |
| Inici 18 |  - 1 |  + 6 |  - 5 |
|  |  |  |  + 4 |
|  + 11 |  - 4 |  + 19 | / 11 |
|  - 1 | / 9 |  x 3 | Final 9 |

b)

|  |  |  |  |
| --- | --- | --- | --- |
| Inici 13 |  |  |  |
|  + 12 |  + 2 |  x 7 |  - 4 |
|  - 24 |  - 8 |  + 2 |  + 12 |
|  + 1 |  x 7 | / 2 | Final 29 |

ACTIVITAT 2

1) Resol els següents camins numèrics:

 1.a)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 65 |  - 63 |  x 23 | / 2 |  - 22 |
|  |  x 6 |  + 6 |  x 2 |  + 1 |
|  + 57 | / 4 |  |  - 65 |  + 37 |
| / 8 |  x 9 |  - 22 |  + 23 | Final 54 |

 1.b)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 1 |  - 12 |  + 25 |  - 26 |  + 6 |
|  + 1 |  + 4 |  |  |  x 14 |
|  x 49 | / 3 |  + 2 |  x 7 |  - 2 |
|  - 44 |  + 17 |  - 70 |  + 3 | Final 96 |

1.c)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 57 |  - 62 |  x 2 | / 49 |  + 10 |
| / 3 |  + 71 |  - 16 |  - 1 |  x 6 |
|  x 4 |  - 61 |  x 6 |  + 75 |  - 17 |
| / 2 |  + 24 |  + 48 | / 3 | Final 55 |

 2) Resol els següents camins numèrics:

 2.a)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 7 |  x 5 |  + 39 |  - 24 |  + 16 |
|  x 2 |  + 12 |  |  | / 2 |
|  - 87 |  x 16 |  - 70 |  + 71 |  - 32 |
|  + 2 |  x 11 |  + 10 |  x 2 | Final 86 |

 2.b)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 31 |  x 3 |  - 86 |  |  |
| / 3 |  x 15 |  x 11 | / 7 |  - 2 |
|  + 4 | / 21 |  x 9 | / 11 |  + 68 |
|  x 2 |  - 31 |  + 24 |  x 3 | Final 93 |

 2.c)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 88 | / 2 |  + 15 |  - 17 |  + 14 |
|  + 17 |  x 6 |  + 7 |  | / 2 |
|  - 80 |  |  - 3 | / 11 |  + 49 |
|  + 76 |  - 33 | / 23 |  x 38 | Final 76 |

 3) Resol els següents camins numèrics:

 3.a)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 6 |  + 47 |  - 6 |  + 17 |  |
|  x 13 |  - 64 |  |  - 19 | / 7 |
| / 26 |  x 44 |  + 1 |  - 5 |  + 55 |
|  + 2 |  x 11 |  - 37 | / 3 | Final 64 |

 3.b)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 9 | / 4 |  x 3 |  + 41 |  |
|  + 5 |  - 30 |  |  - 11 | / 3 |
| / 7 |  + 64 |  x 29 | / 17 |  + 28 |
|  x 27 | / 3 |  + 7 | / 2 | Final 47 |

3.c)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 25 |  x 2 |  + 20 |  + 12 | / 10 |
|  x 3 | / 4 | / 8 |  x 29 |  x 13 |
|  - 20 |  - 38 |  x 23 |  - 41 |  - 7 |
|  + 37 | / 2 |  + 17 | / 2 | Final 84 |

 4) Resol els següents camins numèrics:

 4.a)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 3 |  - 54 |  + 72 |  - 26 | / 2 |
|  x 19 |  + 21 | / 2 |  + 57 |  - 27 |
|  - 3 |  |  | / 2 |  x 20 |
|  + 25 |  - 35 |  + 47 |  - 17 | Final 60 |

 4.b)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 39 |  |  + 16 |  x 5 |  - 15 |
|  + 31 |  + 76 |  - 82 |  | / 10 |
|  - 32 |  - 55 |  x 2 |  + 7 |  + 7 |
|  x 2 |  - 39 |  + 42 |  - 55 | Final 14 |

4.c)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 96 |  + 28 | / 5 |  + 65 |  - 1 |
|  - 18 |  - 15 | / 2 |  + 26 |  + 25 |
| / 6 |  |  | / 2 |  - 1 |
|  + 2 |  - 11 |  x 18 |  + 4 | Final 97 |

 5) Resol els següents camins numèrics:

 5.a)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 21 |  - 1 |  x 5 |  + 42 |  - 63 |
|  - 20 | / 11 |  + 40 |  x 13 |  x 21 |
|  + 3 |  x 22 | / 2 |  - 11 | / 2 |
|  |  |  - 5 | / 3 | Final 42 |

 5.b)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 2 |  x 2 |  + 26 | / 2 |  x 3 |
|  x 4 |  + 5 |  - 64 |  x 17 |  - 41 |
|  - 31 |  x 34 |  - 65 | / 6 |  x 7 |
|  x 11 |  - 53 |  x 9 |  + 15 | Final 49 |

 5.c)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 35 |  - 18 |  + 14 |  - 34 |  + 27 |
| / 18 |  - 3 |  x 3 | / 2 | / 17 |
|  x 5 |  |  x 29 |  + 24 |  x 49 |
|  - 10 |  + 54 |  - 67 |  | Final 98 |

 6) Resol els següents camins numèrics:

 6.a)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 69 |  - 56 |  - 46 |  + 36 | / 6 |
|  |  + 41 |  x 2 |  |  - 13 |
|  + 60 | / 3 |  - 4 |  + 46 |  + 72 |
|  - 68 |  x 5 |  + 15 | / 13 | Final 73 |

 6.b)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 17 |  + 2 |  x 17 |  - 50 |  |
|  - 15 |  - 24 |  |  + 2 |  x 32 |
|  + 3 |  x 5 |  + 4 |  - 24 |  - 56 |
|  x 5 |  - 20 |  x 15 | / 3 | Final 40 |

6.c)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 2 |  x 32 |  - 10 |  + 6 |  - 45 |
|  x 8 | / 14 |  |  |  x 2 |
|  + 67 |  x 7 | / 9 |  + 31 |  - 1 |
|  - 3 | / 5 |  + 53 | / 3 | Final 93 |

 7) Resol els següents camins numèrics:

 7.a)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 6 |  + 42 |  - 13 | / 7 |  x 18 |
|  + 25 | / 2 |  |  | / 9 |
| / 2 |  x 41 |  - 67 |  x 3 |  + 13 |
|  - 29 |  x 2 |  + 74 |  - 3 | Final 79 |

 7.b)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 51 |  - 47 |  x 24 |  - 8 | / 11 |
| / 18 |  x 27 |  - 52 |  x 27 |  + 60 |
|  x 15 | / 3 |  + 9 |  - 32 | / 2 |
|  - 13 |  + 16 | / 5 |  x 17 | Final 85 |

 7.c)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 61 | / 10 |  + 8 |  x 4 |  + 37 |
|  - 60 |  - 8 |  x 17 |  - 5 |  - 87 |
|  + 1 |  + 42 |  - 33 |  x 2 |  + 3 |
|  x 38 |  - 60 | / 26 |  + 2 | Final 4 |

 8) Resol els següents camins numèrics:

 8.a)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 34 |  x 2 | / 2 |  + 46 |  - 51 |
|  + 15 |  - 43 |  + 56 |  - 11 |  x 3 |
| / 2 |  + 65 |  |  + 8 | / 2 |
|  | / 17 |  x 11 |  - 42 | Final 42 |

 8.b)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 65 |  |  |  - 44 | / 3 |
|  - 8 | / 19 |  x 5 |  + 62 |  - 10 |
|  x 7 | / 6 |  + 23 |  x 5 |  + 4 |
|  + 17 |  - 44 |  x 2 |  + 3 | Final 61 |

 8.c)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 16 |  + 1 |  x 25 | / 5 |  + 29 |
|  + 6 |  - 50 |  + 24 | / 2 |  - 26 |
|  - 21 |  |  |  + 47 |  + 55 |
|  + 1 |  x 14 |  + 56 |  - 77 | Final 68 |

 9) Resol els següents camins numèrics:

 9.a)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 45 |  x 3 |  - 91 |  x 28 | / 2 |
|  x 2 |  + 22 |  |  |  + 38 |
| / 18 |  - 40 | / 16 |  + 21 | / 6 |
|  + 2 |  x 7 |  x 28 |  - 14 | Final 42 |

 9.b)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 75 |  - 17 |  + 55 |  - 13 | / 2 |
| / 3 | / 2 |  - 42 |  + 19 |  x 3 |
|  + 60 |  x 29 |  + 1 | / 2 |  - 8 |
|  - 13 |  + 17 |  - 76 |  + 35 | Final 73 |

 9.c)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 21 |  + 31 | / 2 |  + 41 |  - 53 |
|  - 37 | / 2 |  - 2 |  x 2 |  + 29 |
|  + 82 |  + 5 | / 2 |  + 23 | / 2 |
|  - 27 | / 12 |  |  | Final 14 |

 10) Resol els següents camins numèrics:

 10.a)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 22 | / 6 |  x 7 |  - 62 |  + 5 |
|  + 59 |  + 45 |  x 3 |  + 2 |  x 7 |
|  - 5 | / 2 |  - 1 |  - 58 |  + 19 |
| / 2 |  - 20 |  x 4 |  + 3 | Final 59 |

 10.b)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 77 |  - 73 |  + 90 |  - 17 | / 3 |
|  + 1 |  - 8 | / 2 |  x 2 |  - 16 |
|  x 41 | / 7 |  + 16 |  - 39 |  + 5 |
| / 2 |  + 49 | / 15 |  + 76 | Final 12 |

10.c)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inici 82 |  - 26 | / 7 |  x 12 |  - 95 |
|  - 40 |  + 29 |  |  |  + 93 |
|  x 14 |  x 2 | / 3 |  - 26 | / 2 |
|  - 8 | / 2 |  x 5 |  - 62 | Final 23 |