

Correction des exercices de la séance 4.3

Nombres premiers : 2 - 3 - 5 - 7 - 11 - 13 - 17 - 19 - 23 - 29 - 31 ...

n°44 page 136

- a) $45 = 5 \times 9 = 5 \times 3 \times 3 = 3 \times 3 \times 5$
- b) $65 = 5 \times 13$
- c) $34 = 2 \times 17$
- d) $48 = 2 \times 24 = 2 \times 2 \times 12 = 2 \times 2 \times 2 \times 6 = 2 \times 2 \times 2 \times 2 \times 3$

n°45 p 136

- a) $56 = 2 \times 28 = 2 \times 2 \times 14 = 2 \times 2 \times 2 \times 7$
- b) $42 = 2 \times 21 = 2 \times 3 \times 7$
- c) $93 = 3 \times 31$
- d) $110 = 11 \times 10 = 11 \times 2 \times 5$

n°46 p 136

- a) $550 = 55 \times 10 = 5 \times 11 \times 2 \times 5 = 2 \times 5 \times 5 \times 11$
- b) $320 = 32 \times 10 = 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 5$
- c) $425 = 25 \times 17 = 5 \times 5 \times 17$
- d) $1000 = 10 \times 10 \times 10 = 2 \times 5 \times 2 \times 5 \times 2 \times 5 = 2 \times 2 \times 2 \times 5 \times 5 \times 5$

n°47 p 136

- a) $27 \times 24 = 3 \times 3 \times 3 \times 2 \times 2 \times 2 \times 3$
- b) $26 \times 38 = 2 \times 13 \times 2 \times 19$
- c) $63 \times 23 = 3 \times 3 \times 7 \times 23$

On verra l'année prochaine à quoi cela peut servir dans la vie quotidienne