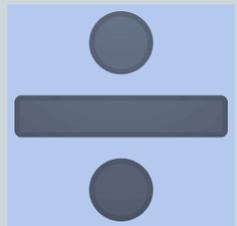
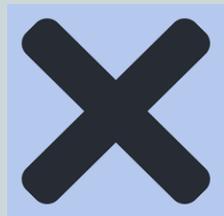


Comment repérer
l'**opération** que je
dois utiliser pour
résoudre
un problème ?



On doit :

- **observer la situation**

Il faut se construire le « dessin animé » du problème. L'énoncé comporte des personnages, un décor et une histoire. Pour bien le comprendre, on se pose les questions suivantes :

- * Qui parle ?
- * Dans quel but ? Que cherche-t-on ?

- **repérer le vocabulaire**

Souvent le vocabulaire employé permet de **repérer l'opération à effectuer.**

Exemples :

La « somme » correspond à l'addition (+).

La « différence » correspond à la soustraction (-).

Le « produit » correspond à la multiplication (X).

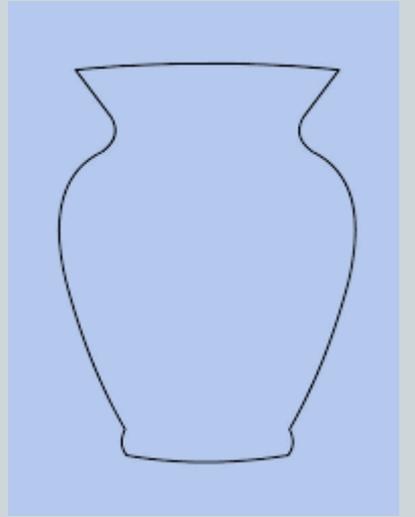
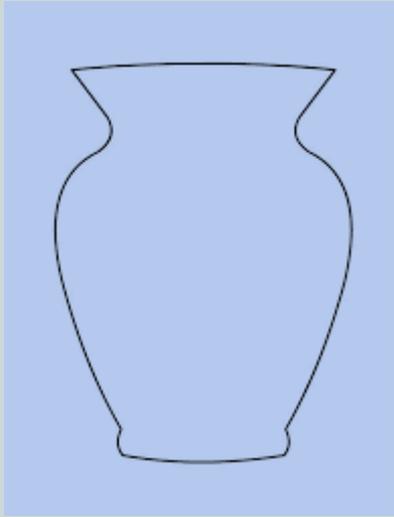
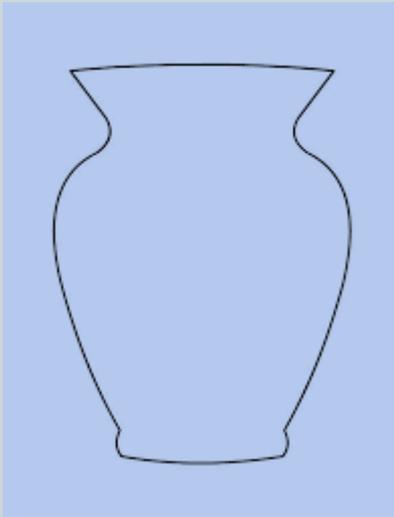
Le « partage » correspond à la division (:).

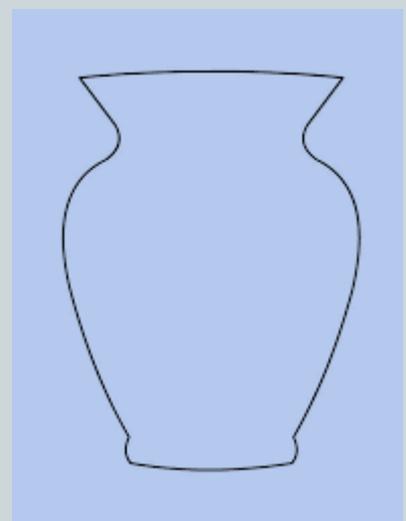
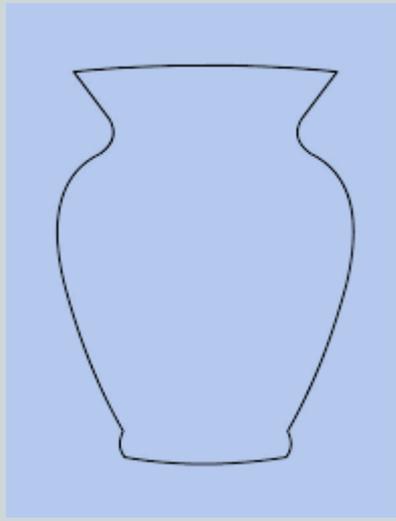
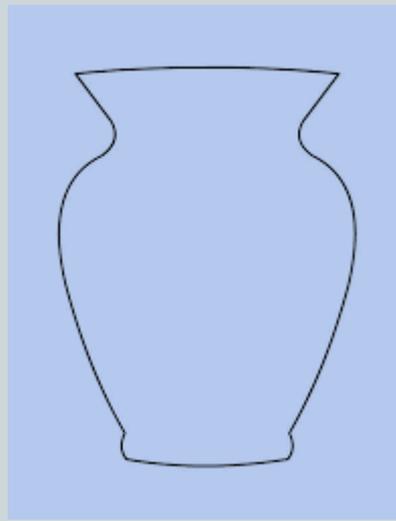
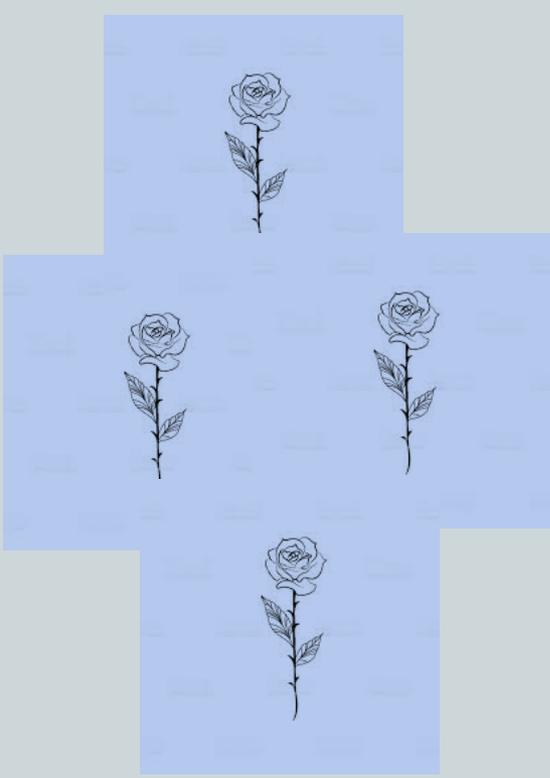
Voici une série de
problèmes que nous
allons visionner pour
visualiser les
caractéristiques de
chaque opération :

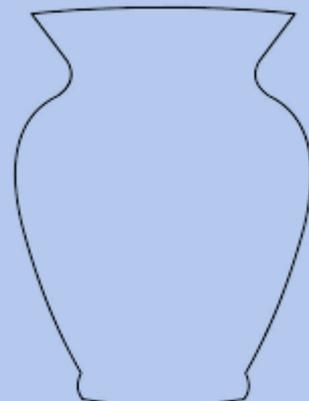
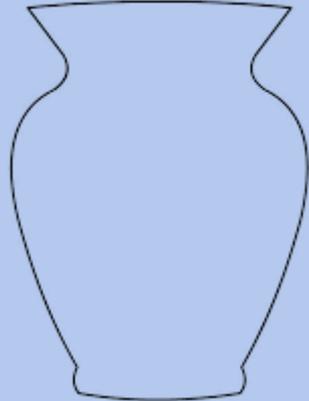
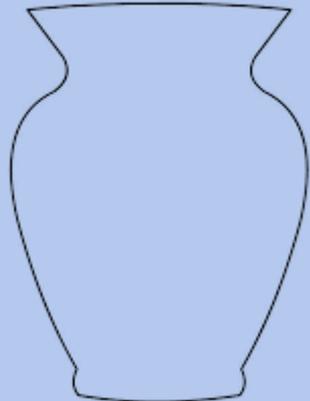
Problème n°1

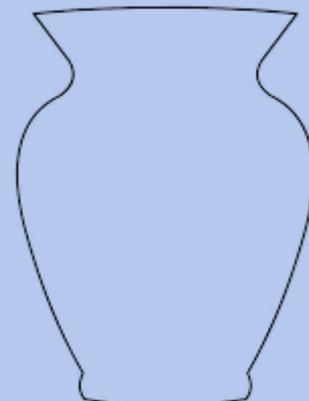
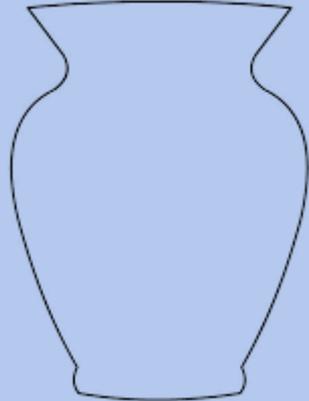
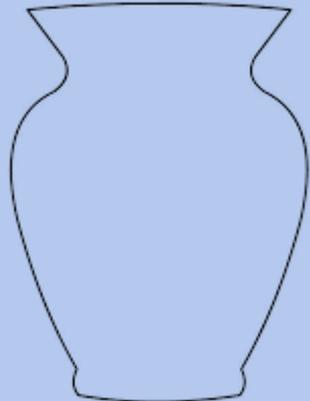
J'ai 3 vases. Dans le premier, j'ai 4 roses. Dans le deuxième, j'ai 2 roses et dans le troisième 1 seule.

Combien ai-je de roses en tout?

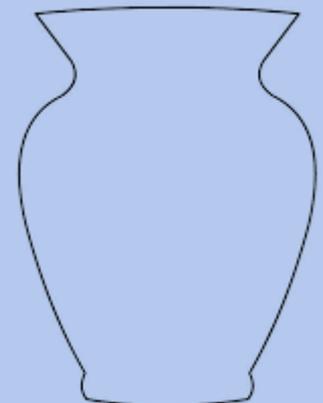
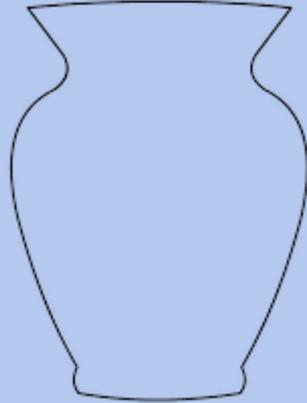
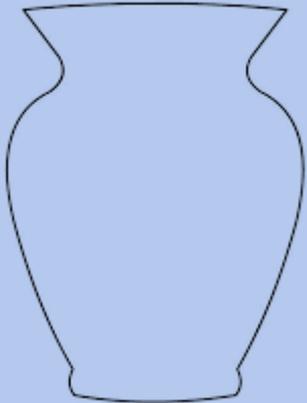




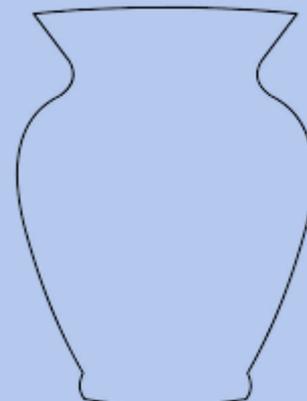
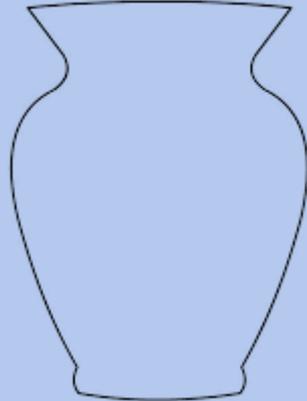
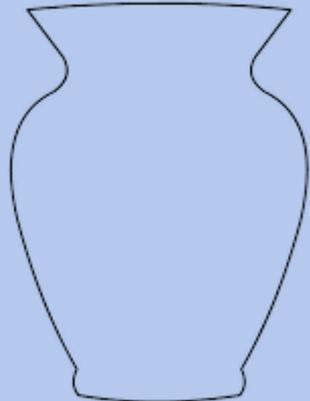


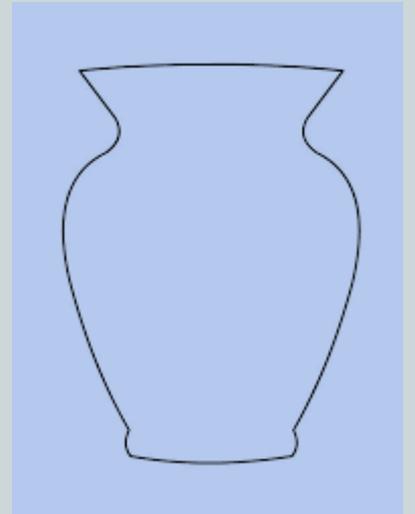
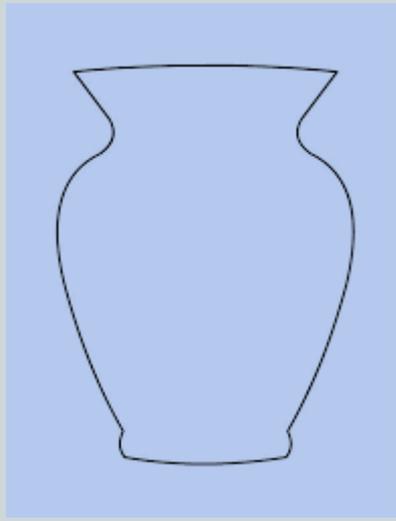
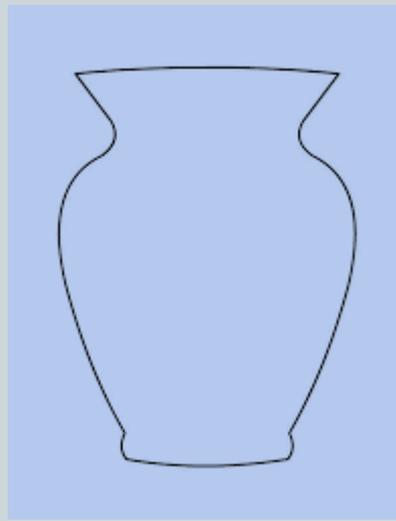
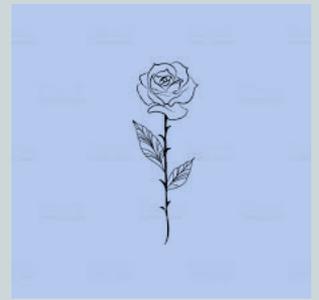
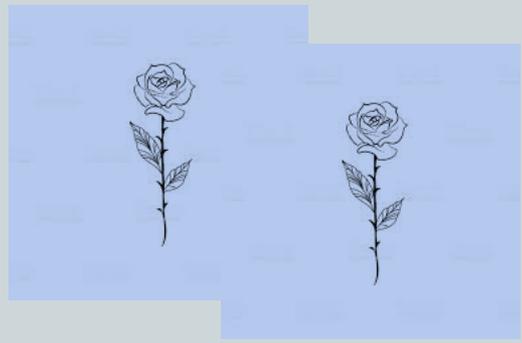
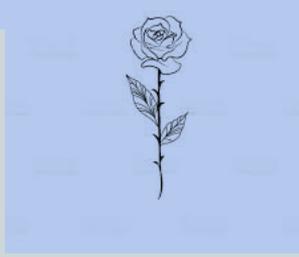
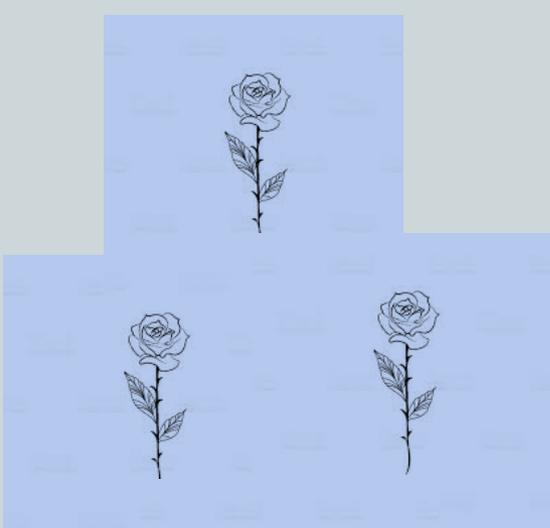


Combien ai-je de roses
en tout ?



Quel signe dois-je utiliser ?





Ligne de calcul :

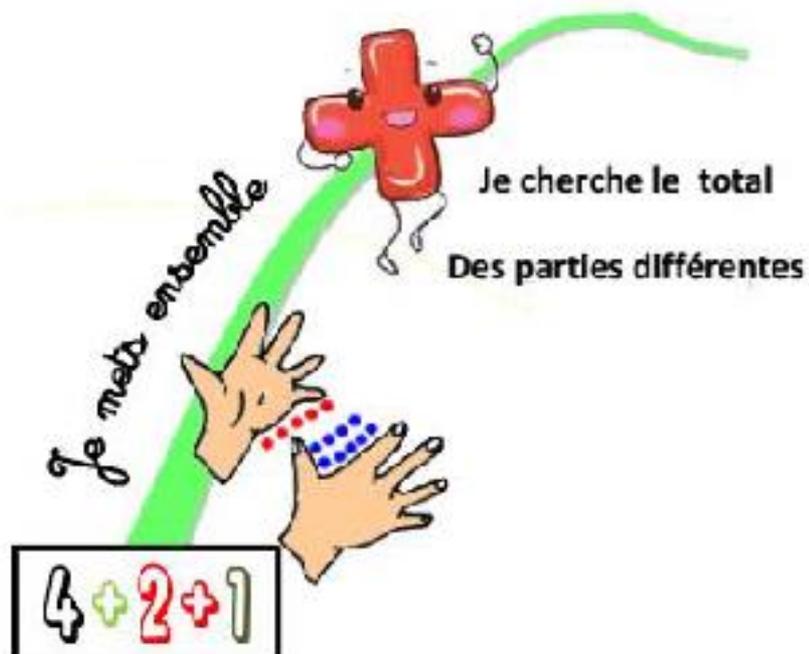
$$4 + 2 + 1 = 7$$

Phrase réponse :

J'ai 7 roses en tout.

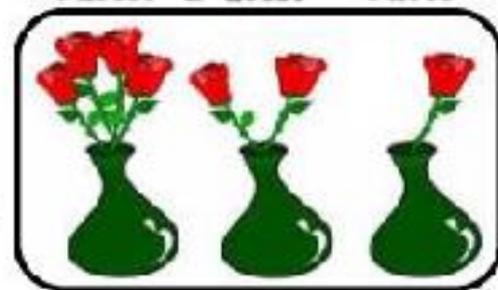
L'**addition** est l'opération qui permet d'effectuer une **somme** d'éléments de même nature.
Je cherche un résultat plus grand.

ASSEMBLER



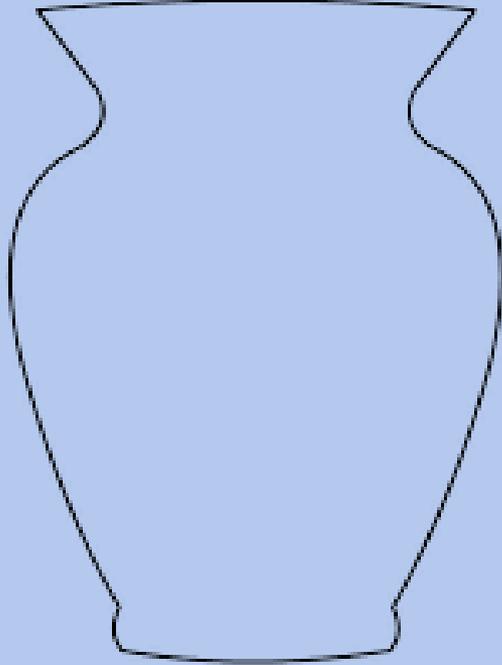
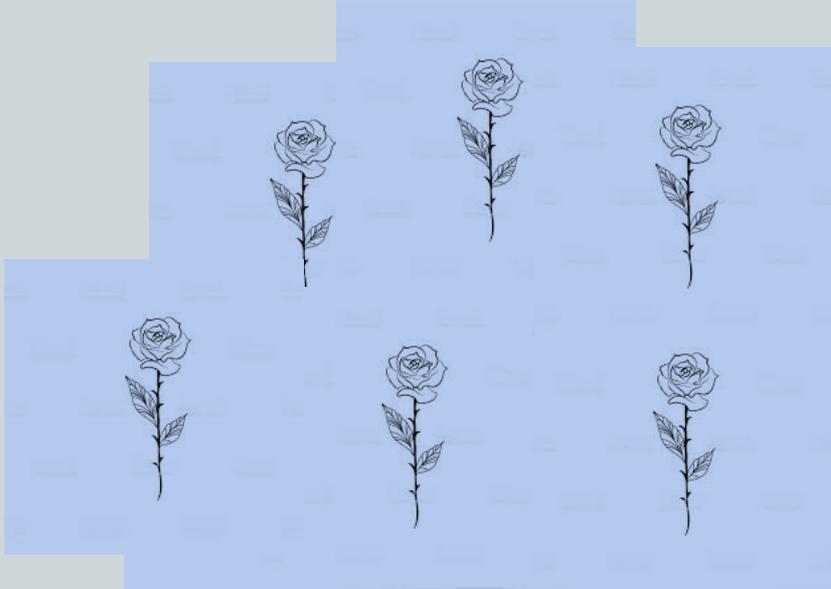
| | | |
|---|---|---|
| ? | | |
| 4 | 2 | 1 |

4 ROSES 2 ROSES 1 ROSE

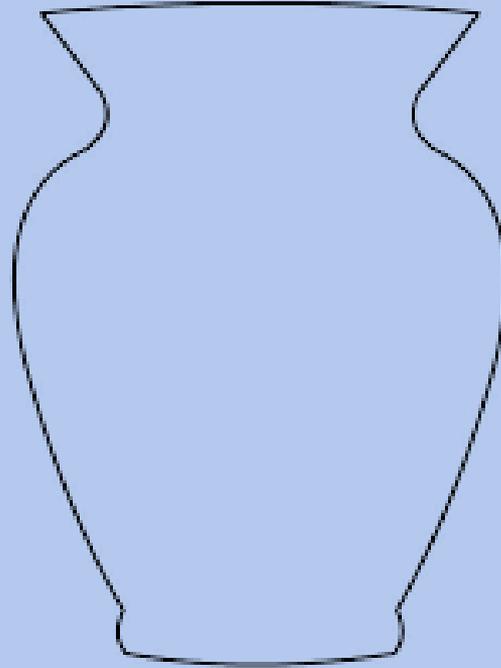
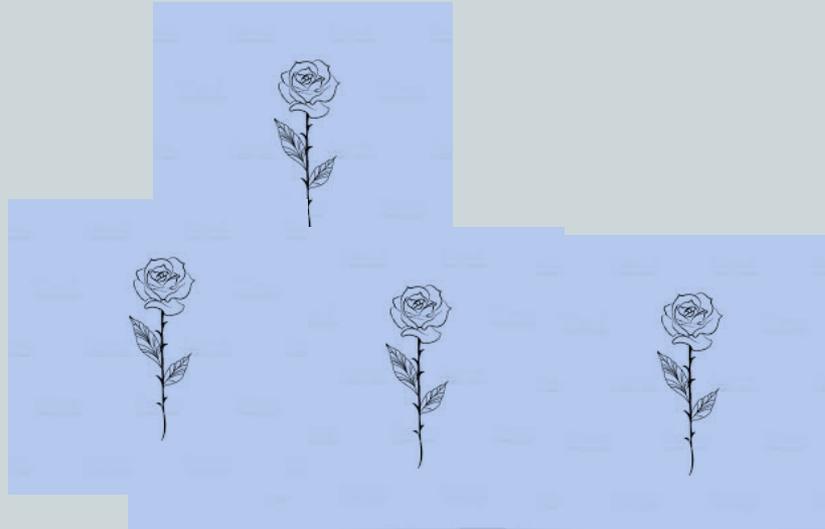


Problème n°2

J'ai 6 roses dans un vase. Je veux enlever 2 roses fanées. Combien me reste-t-il de roses?



Combien me reste-t-il de roses ?



Quel signe
dois-je
utiliser ?

Ligne de calcul :

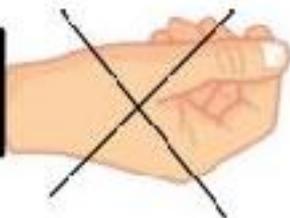
$$6 - 2 = 4$$

Phrase réponse :

Il me reste 4 roses.

La **soustraction** est l'opération qui permet de calculer une différence entre deux éléments de même nature. **Je cherche un résultat plus petit.**

$$6 - 2$$



J'enlève le 2 qui est dans le 6

ENLEVER

Je cherche une partie

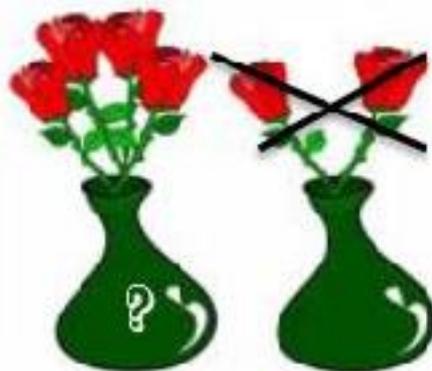
Des parties différentes

6 roses

?



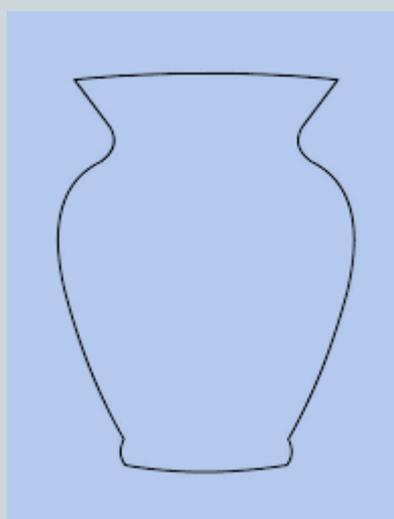
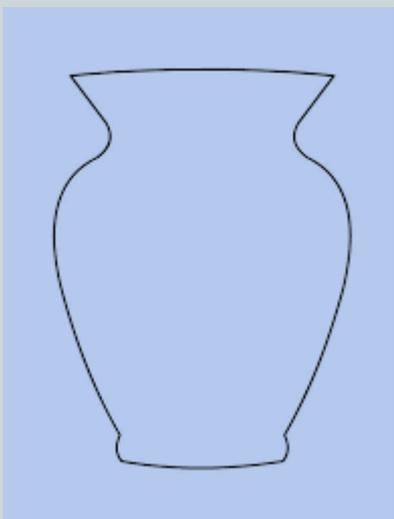
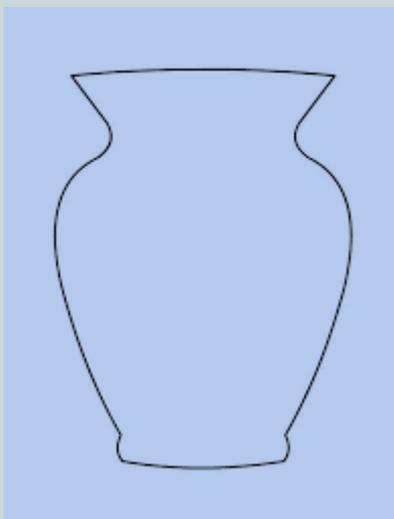
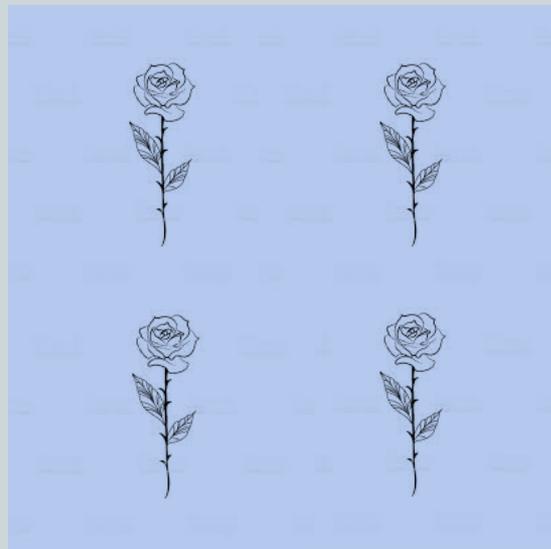
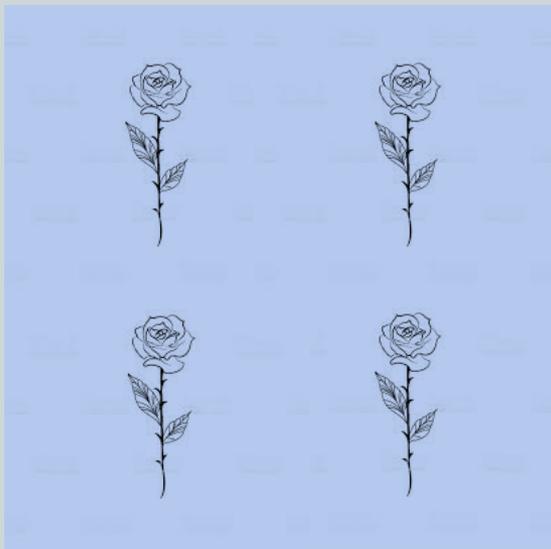
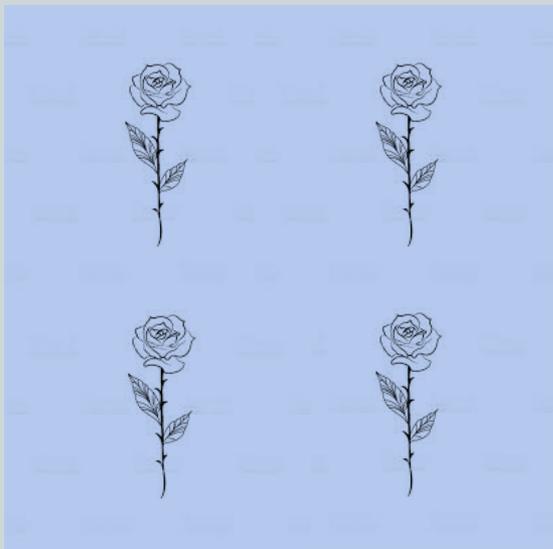
4 ROSES 2 ROSES



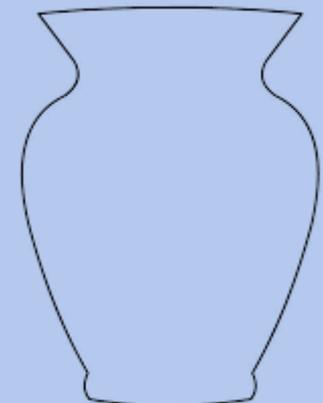
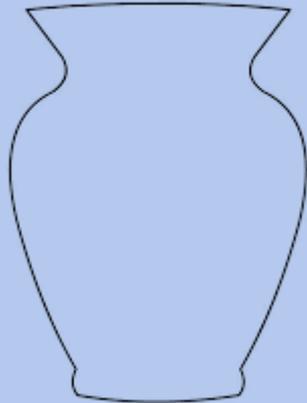
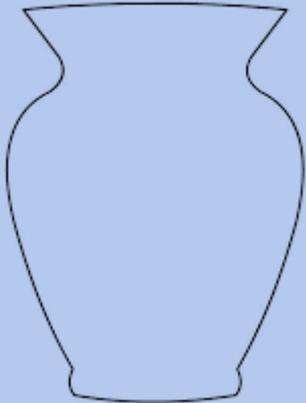
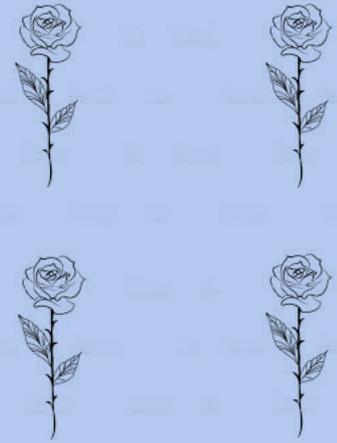
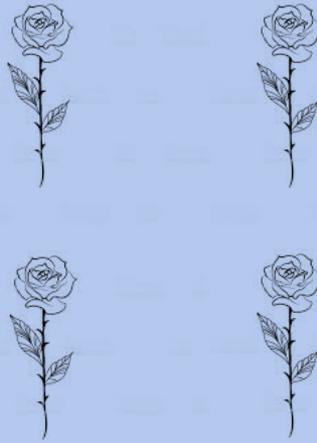
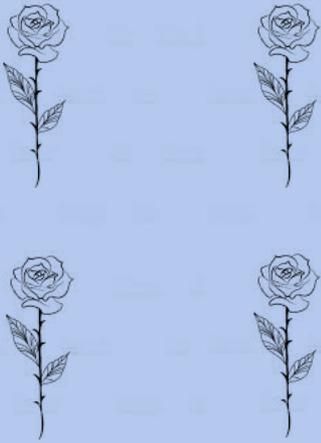
Problème n°3

J'ai trois vases de quatre roses chacun.

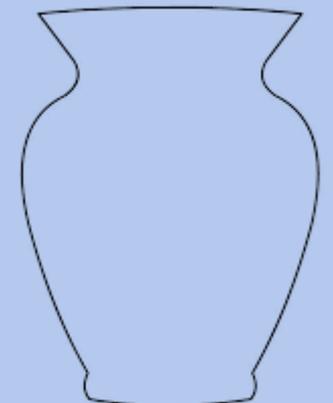
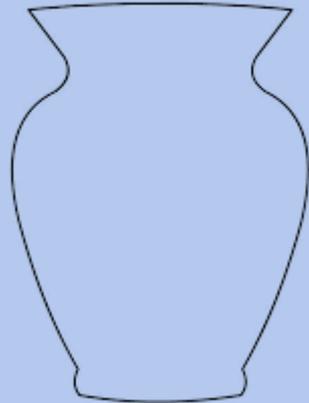
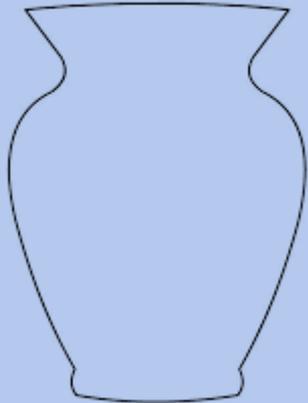
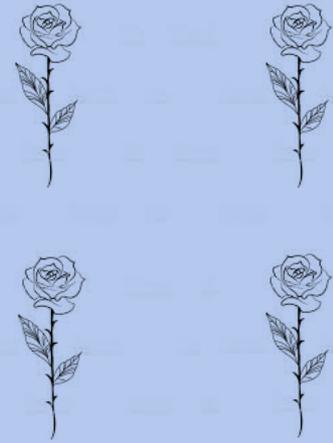
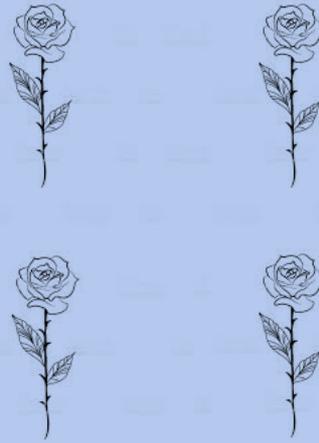
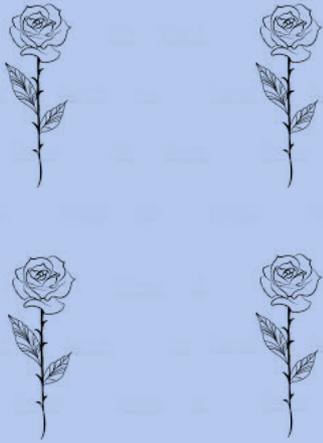
Combien ai-je de roses en tout ?

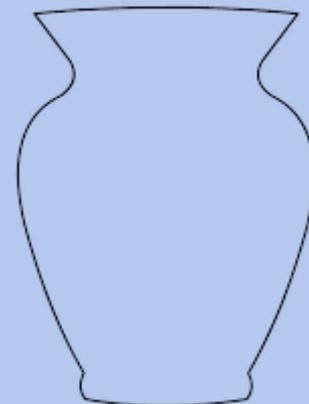
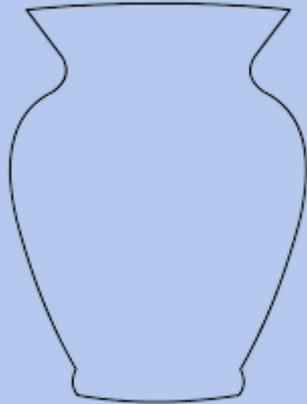
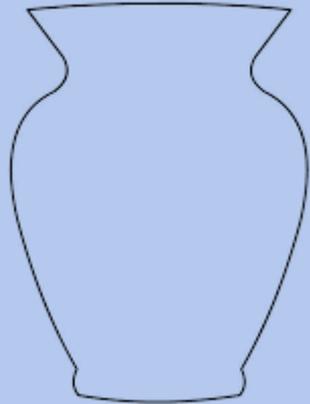
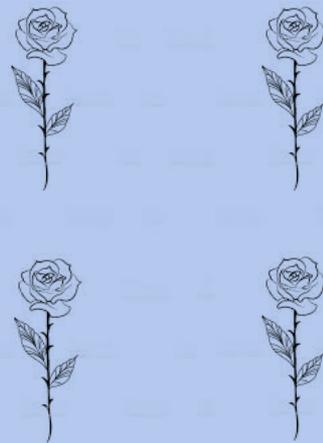
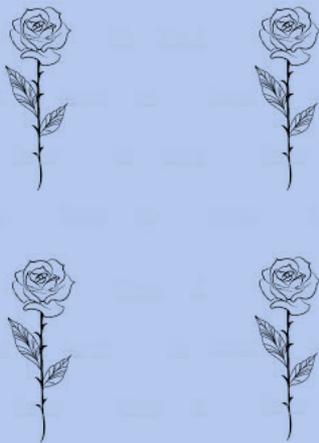
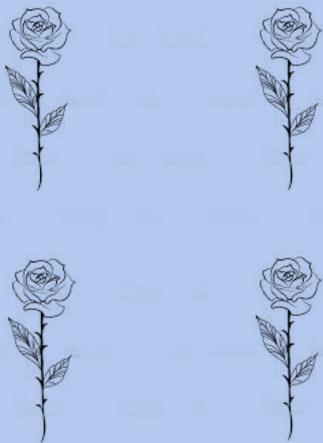


Combien ai-je de roses en tout ?



Quel signe dois-je utiliser ?





Lignes de calcul :

$$4 + 4 + 4 = 12$$

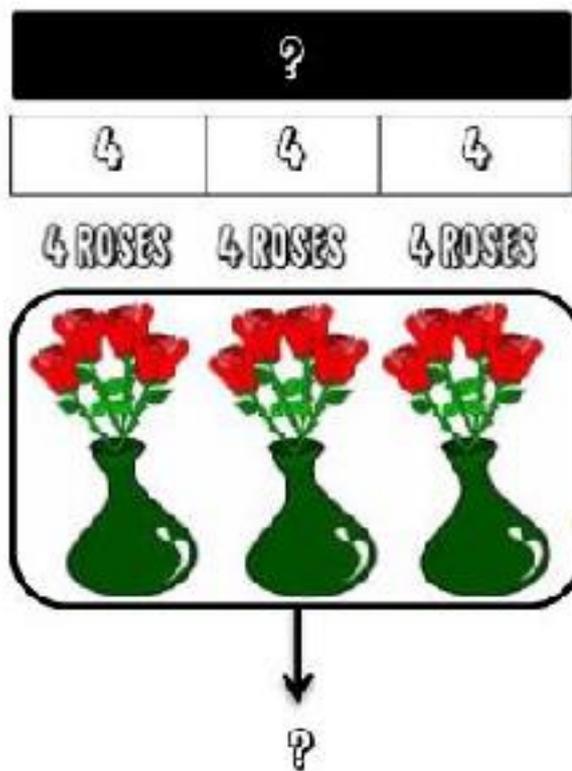
OU

$$\boxed{\text{Nombre de vases}} \ 3 \times 4 \ \boxed{\text{Nombre de roses}} = 12$$

Phrase réponse :

J'ai 12 roses en tout.

La **multiplication** est une opération qui permet d'effectuer **rapidement** la somme de plusieurs nombres identiques. **Je cherche un nombre plus grand.**



2 unités différentes

3 vases de 4 roses chacun

Promis jurés, toujours pareil

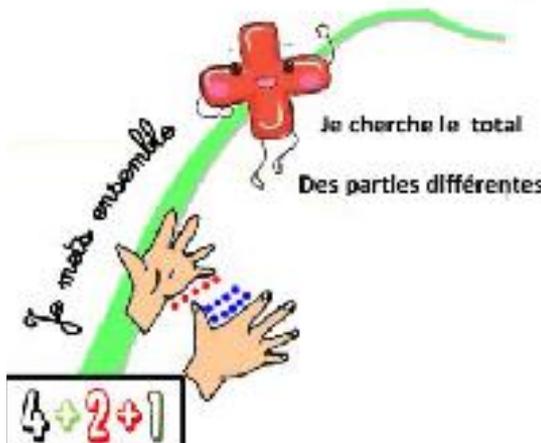
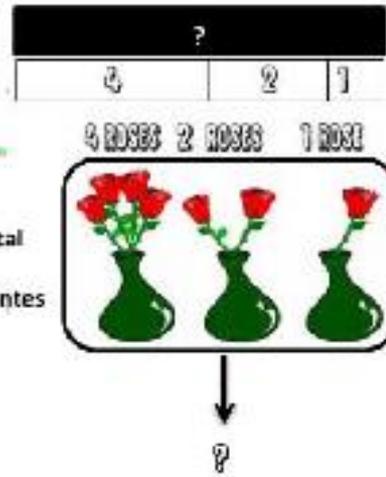
4 X 3

RÉPÉTER

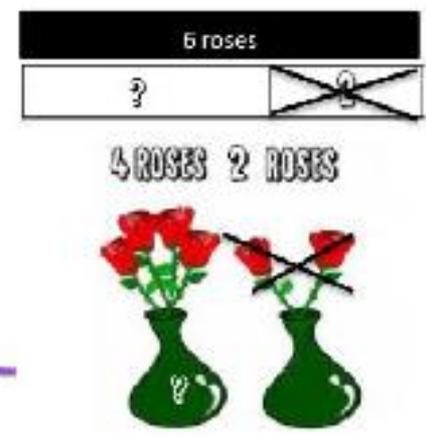
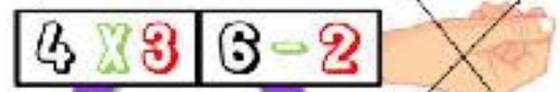
Je cherche le total

Des parties pareilles

ASSEMBLER



QUELLE OPÉRATION ?



ENLEVER
Je cherche une partie
Des parties différentes

Je retire le 2 qui est dans le 6

2 unités différentes
3 vases de 4 roses chacun

Somme fixe, toujours pareille

RÉPÉTER
Je cherche le total
Des parties pareilles

