MS-03-A :Rectangles de points (multiplication)

Ce que contient la ressource. Des rectangles de points nus (points seuls, alignés en lignes et colonnes régulières), couvrant tous les produits jusqu'à 10 × 10. Chaque rectangle représente un produit (par exemple 4 × 6 = 4 lignes de 6 points). Disponible en fiche élève (A4, A3 si besoin) et en version à projeter.

Préparation — usage effaçable. Glissez la fiche dans une **pochette transparente** ou **plastifiez-la** : c'est l'usage central de cette ressource. Les élèves **entourent des paquets, coupent le rectangle, tracent leurs regroupements au feutre effaçable**, puis effacent. Le même rectangle resert ainsi indéfiniment, et chacun peut tester plusieurs stratégies sur la même image.

Usage. Le rectangle de points sert à **construire le sens de la multiplication** et à appliquer des stratégies de calcul, toujours au feutre effaçable :

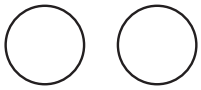
- dénombrer les points pour trouver le produit ;
- entourer des **paquets de colonnes (ou de lignes)** pour décomposer le calcul (par exemple, avancer de double en double) ;
- **couper le rectangle en deux** pour s'appuyer sur un résultat connu ;
- faire pivoter mentalement le rectangle de 90° pour découvrir la **commutativité** (le même rectangle tourné donne le même total).

Conseil. Pour une plastification durable côté élève, imprimez d'abord sur papier épais.

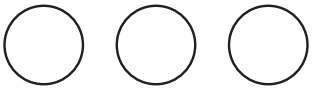
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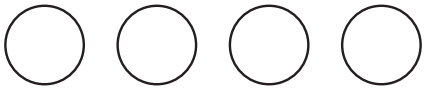
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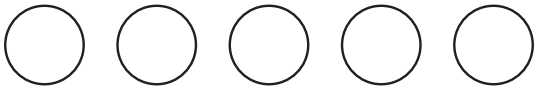
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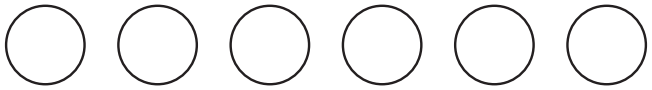
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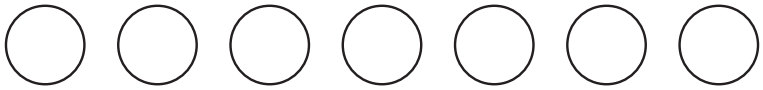
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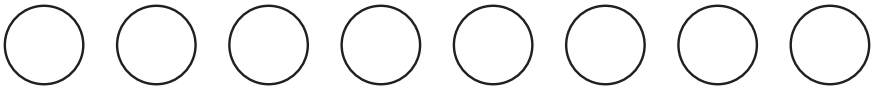
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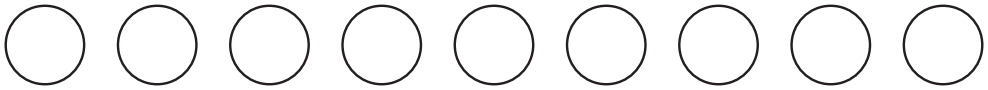
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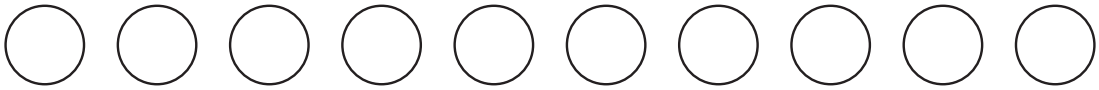
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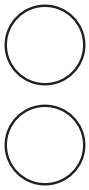
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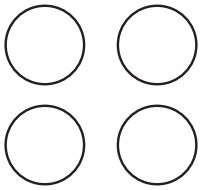
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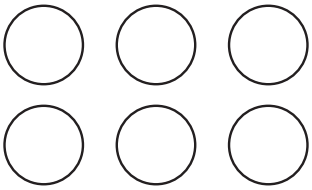
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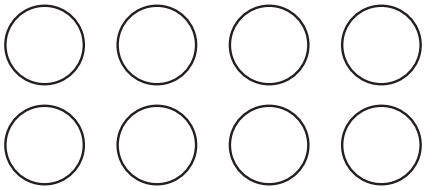
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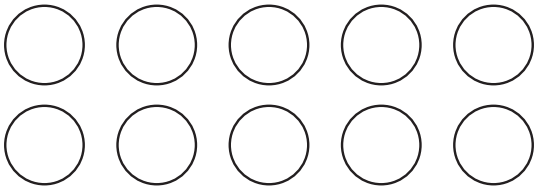
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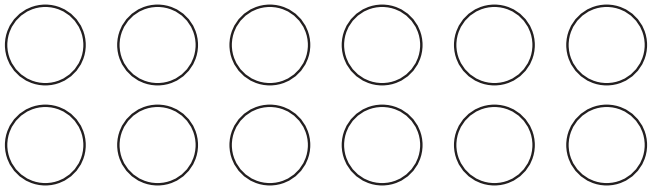
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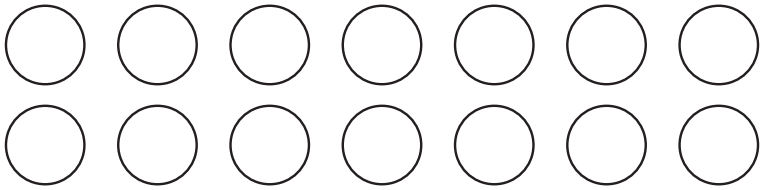
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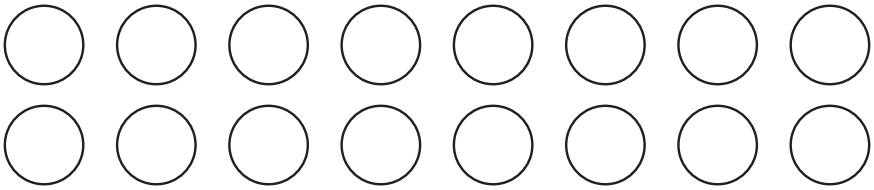
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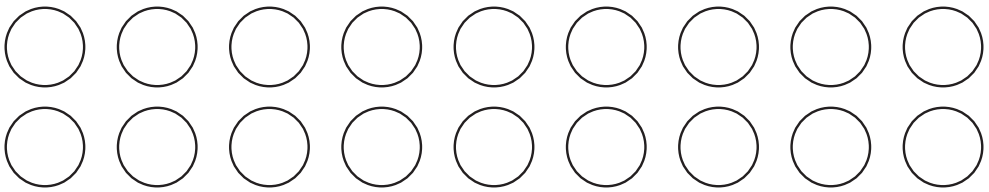
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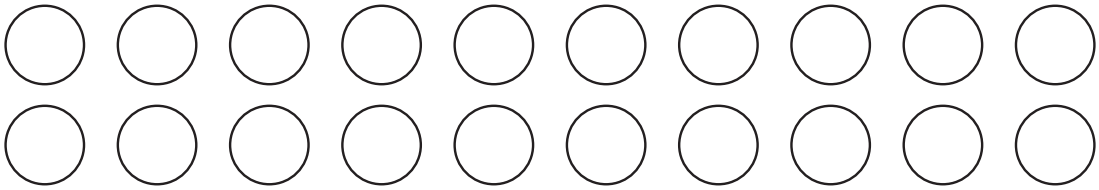
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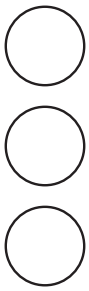
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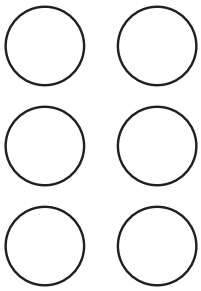
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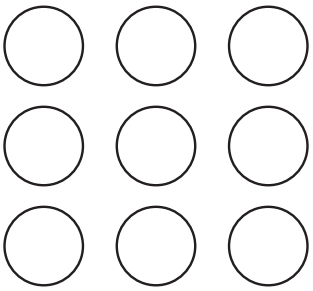
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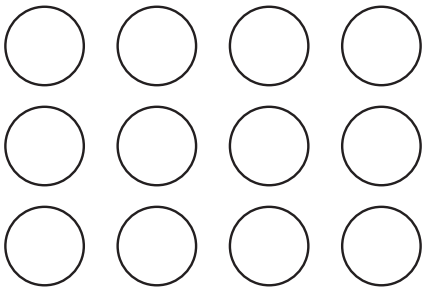
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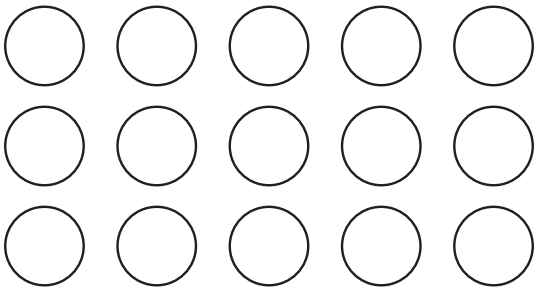
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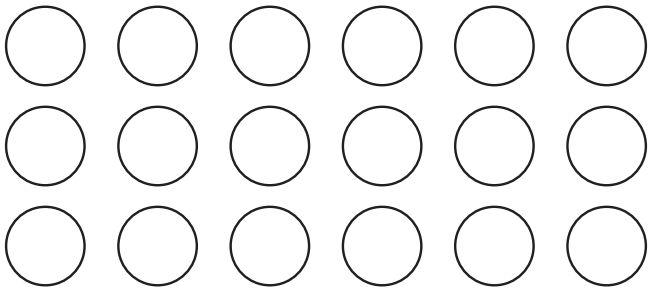
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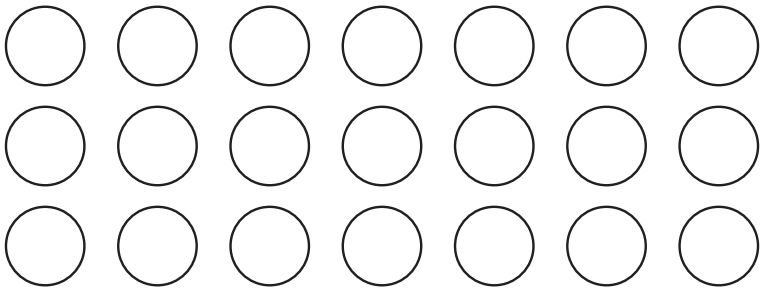
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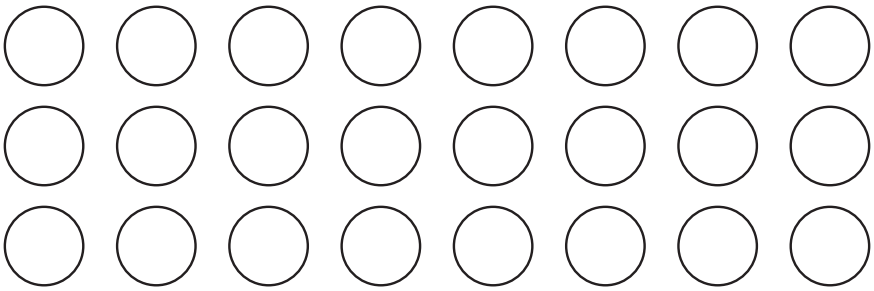
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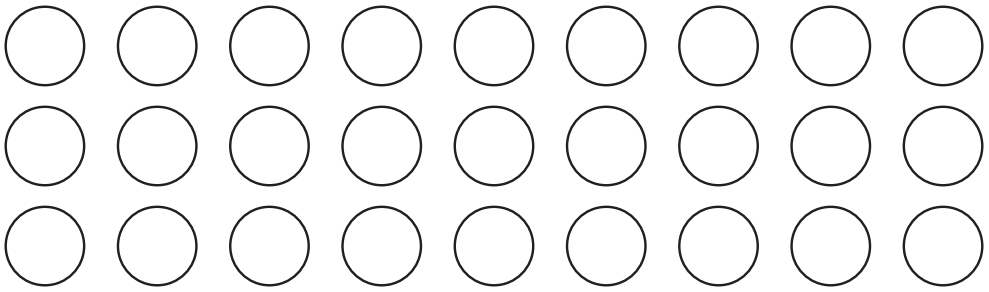
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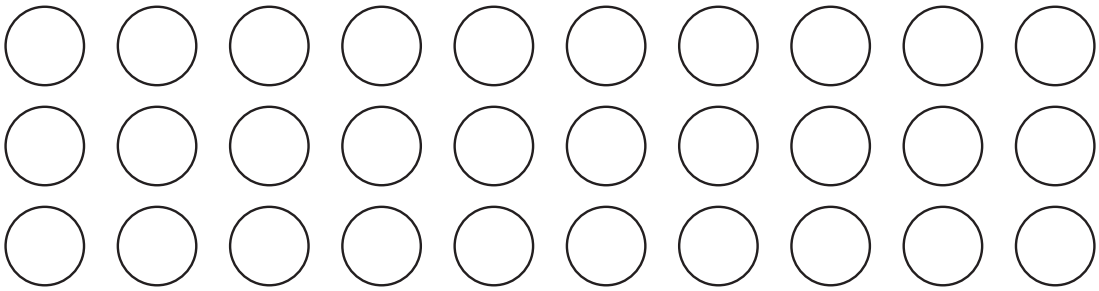
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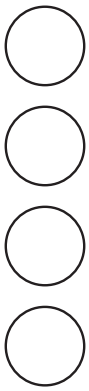
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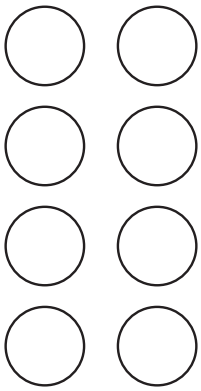
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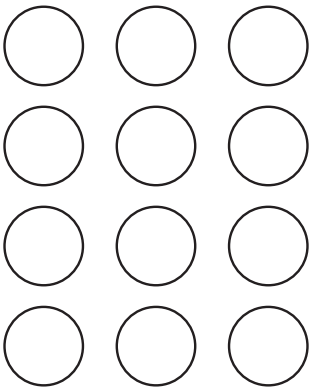
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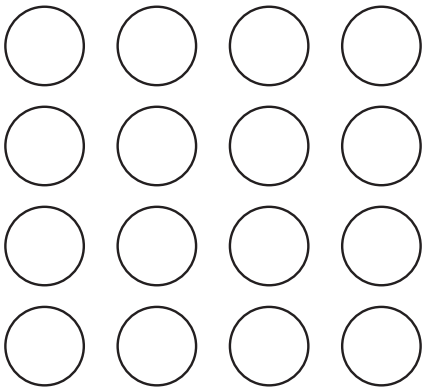
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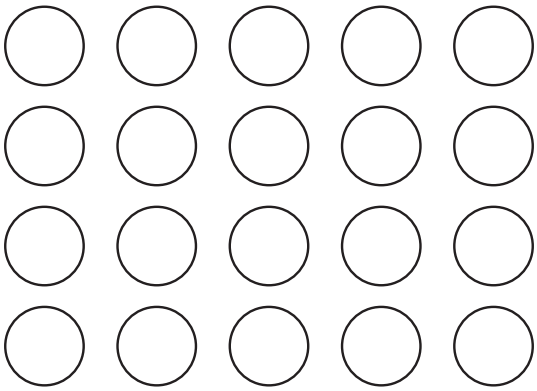
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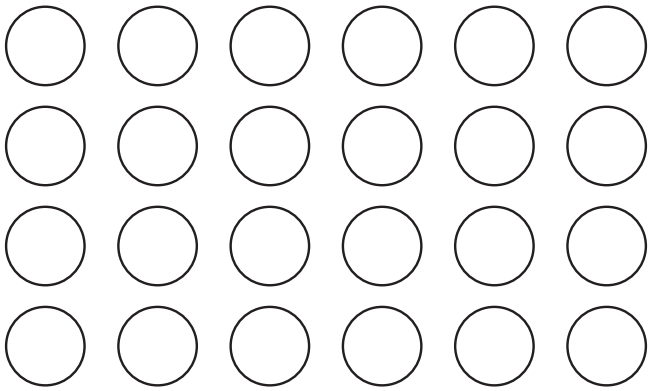
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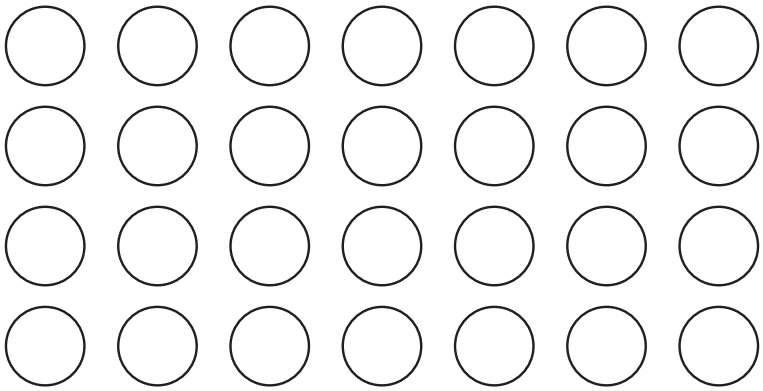
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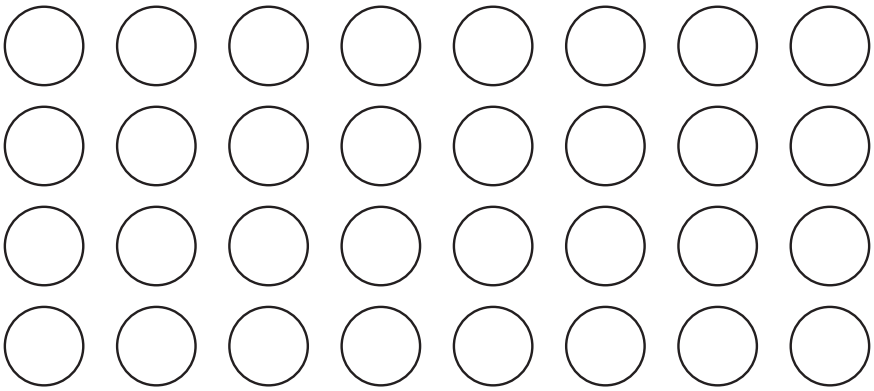
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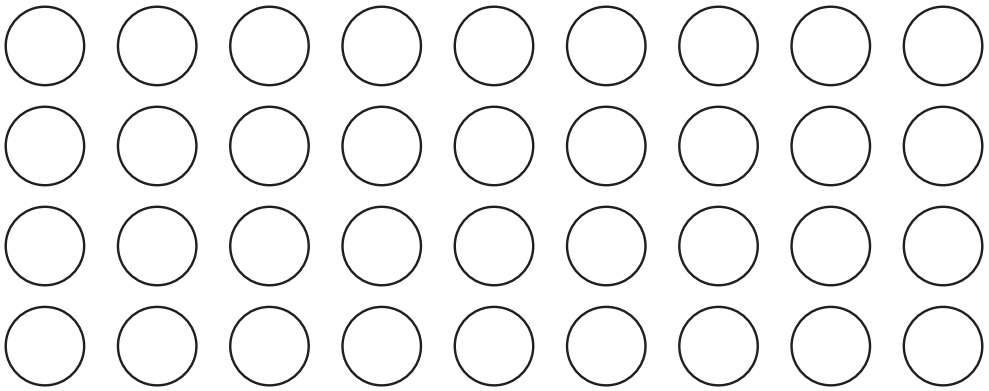
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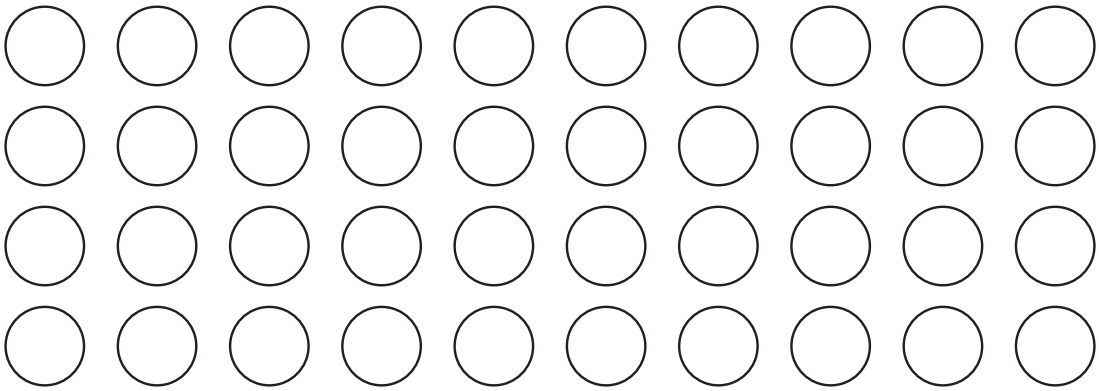
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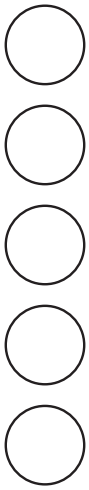
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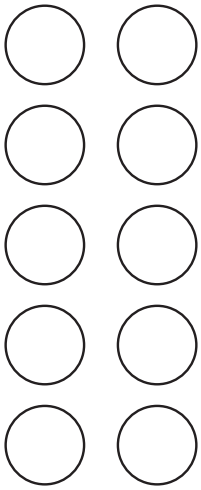
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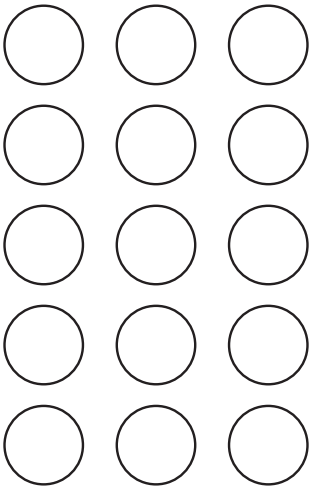
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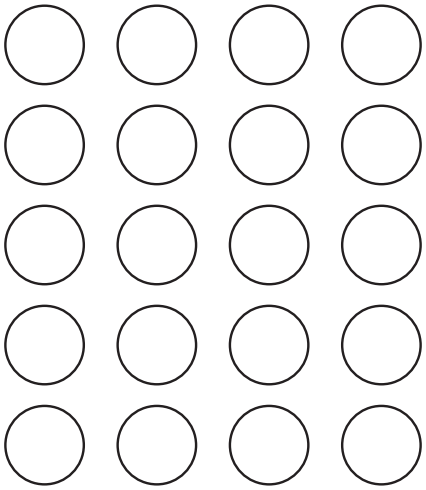
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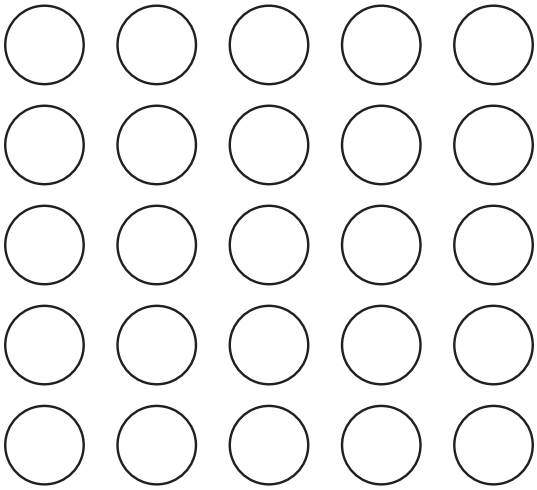
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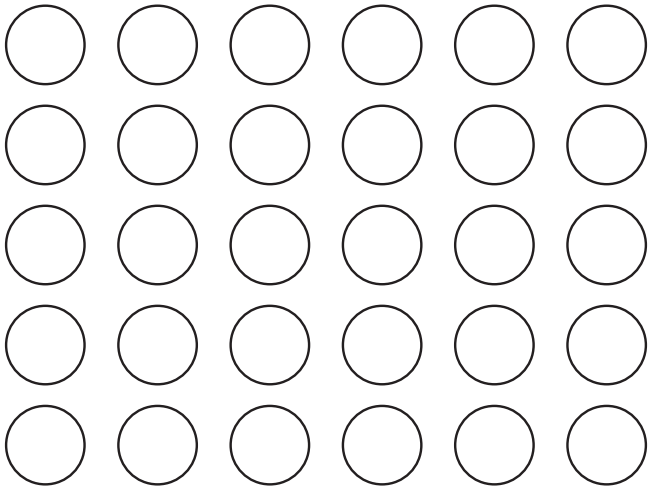
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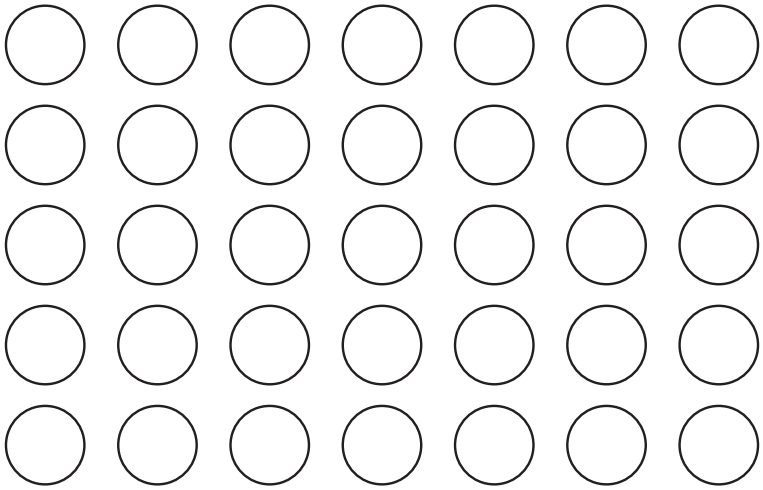
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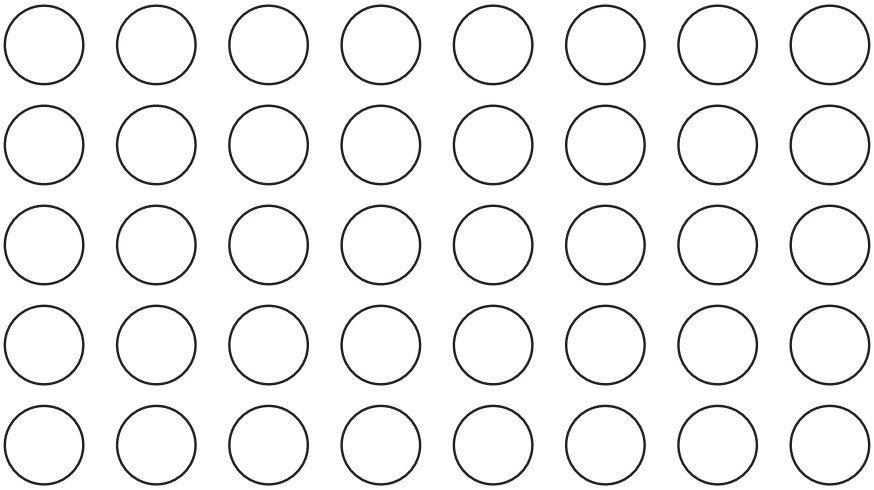
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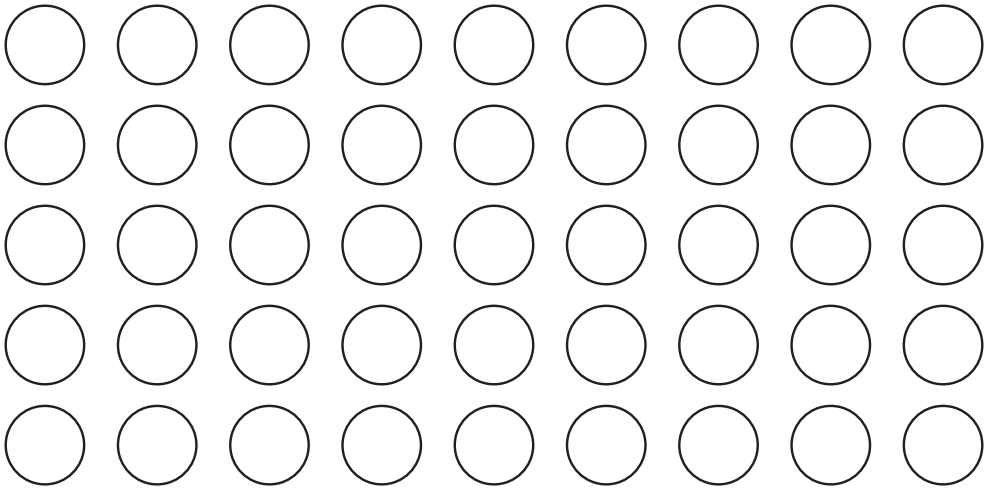
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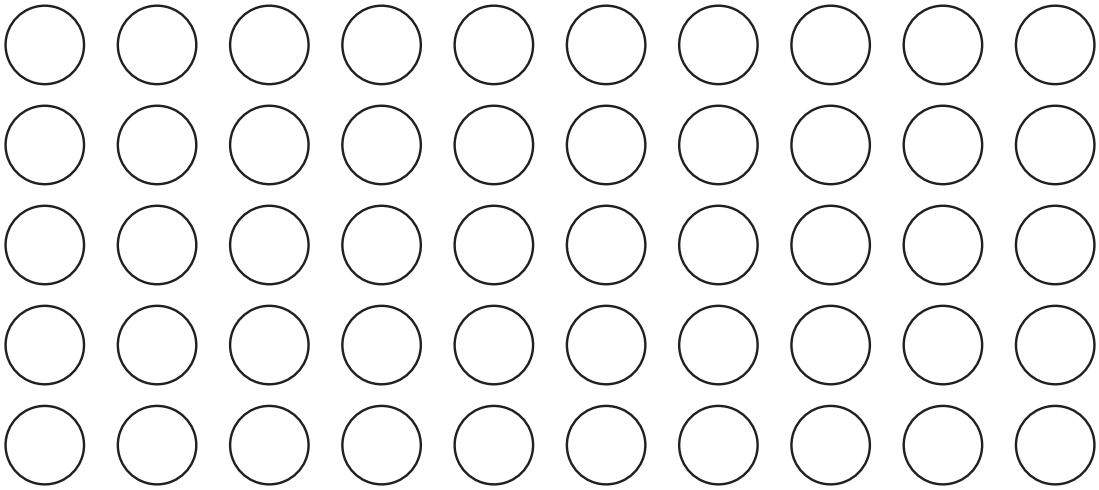
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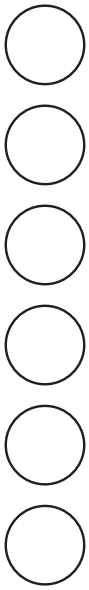
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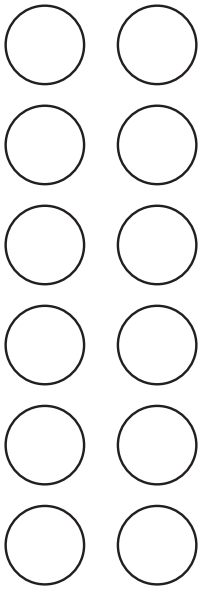
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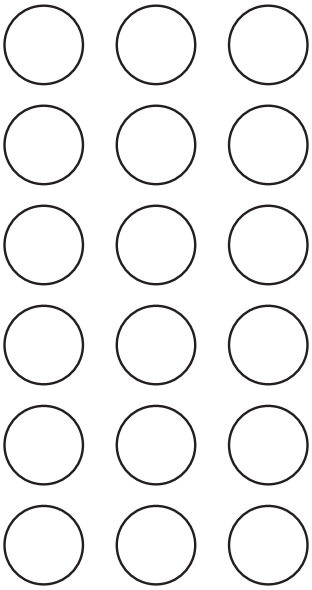
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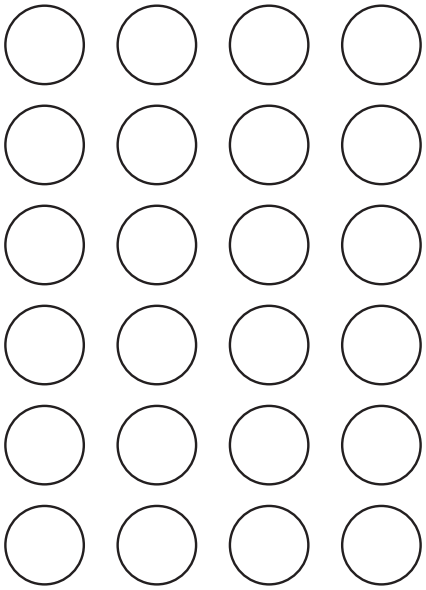
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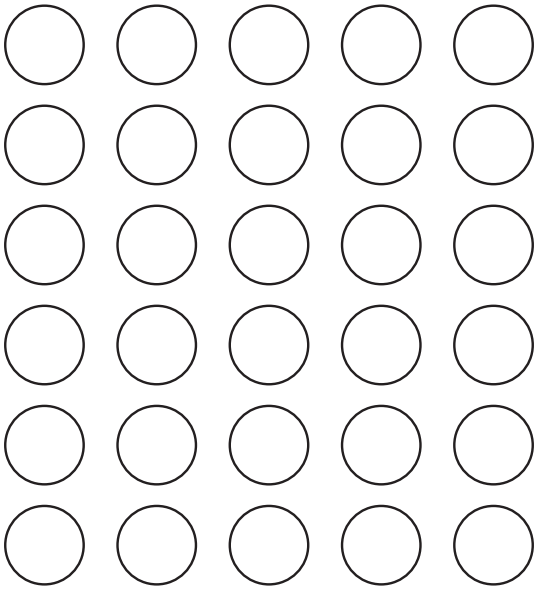
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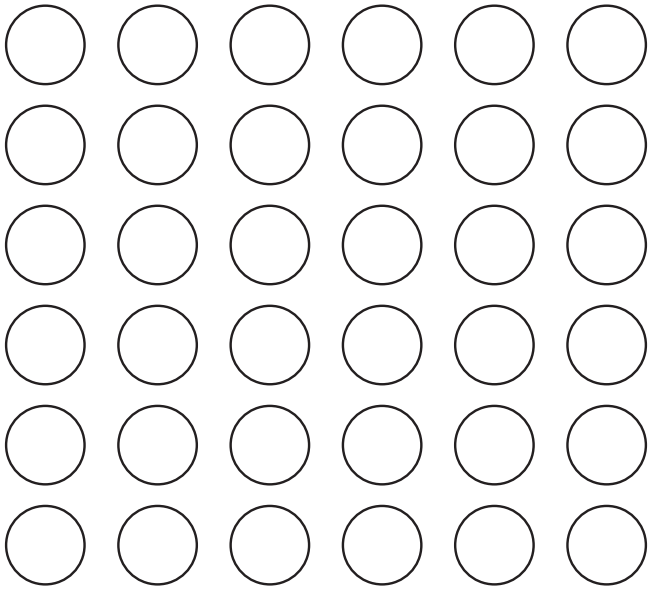
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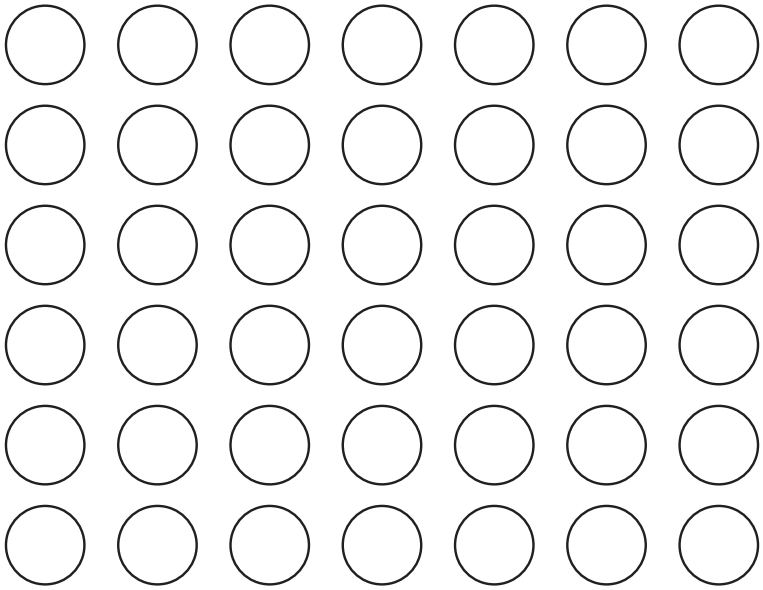
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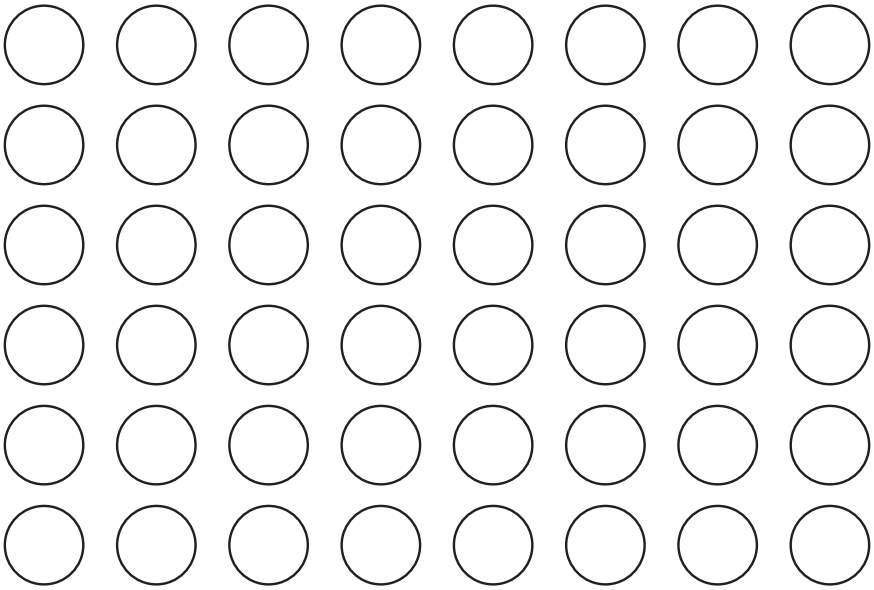
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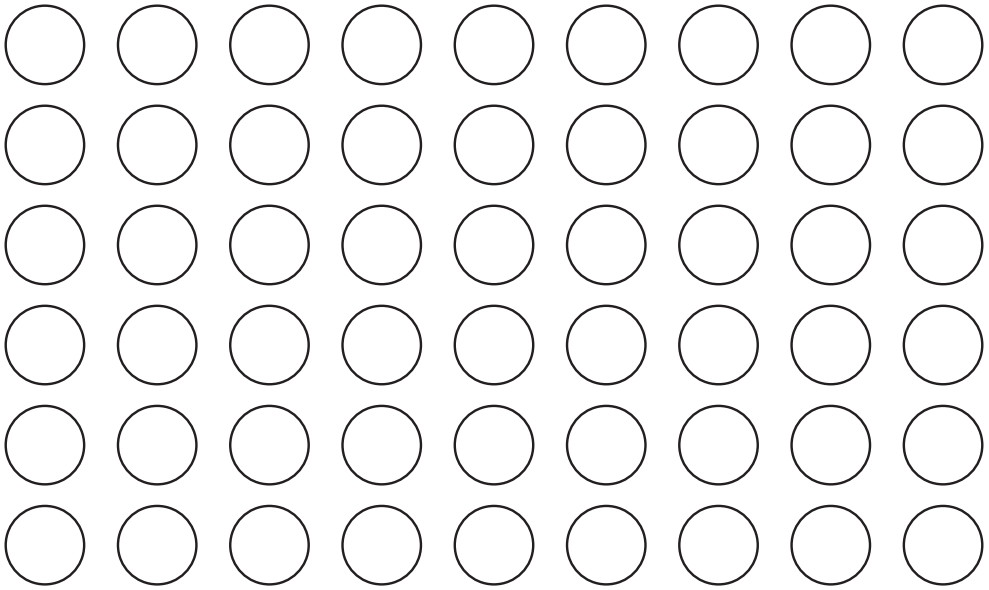
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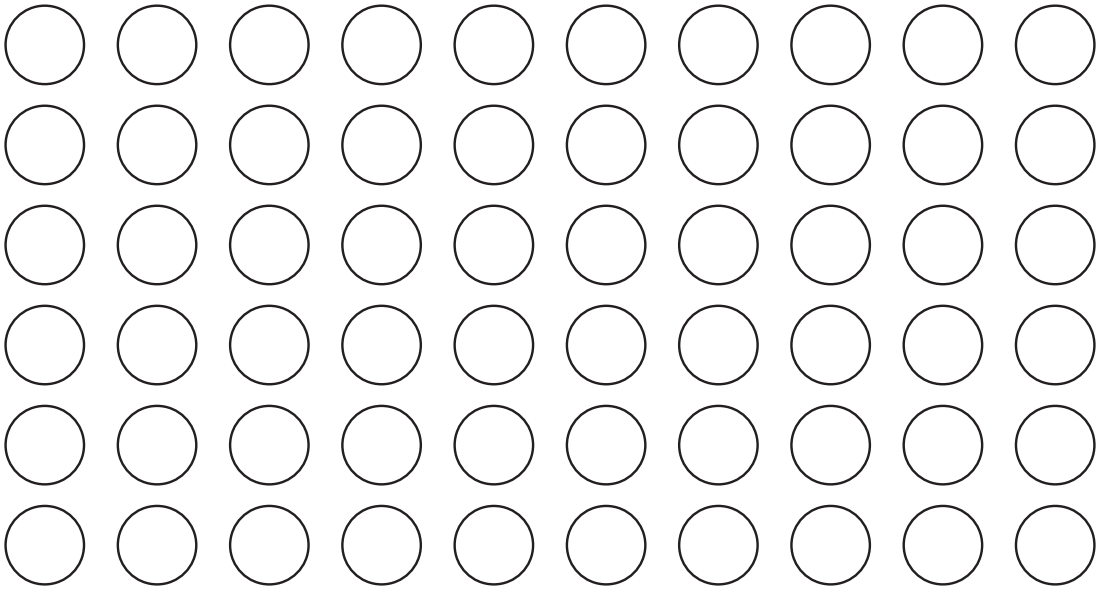
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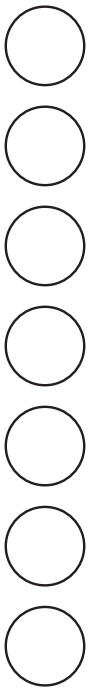
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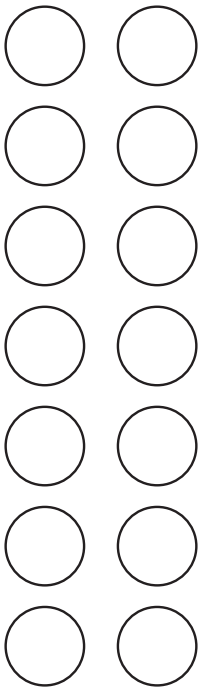
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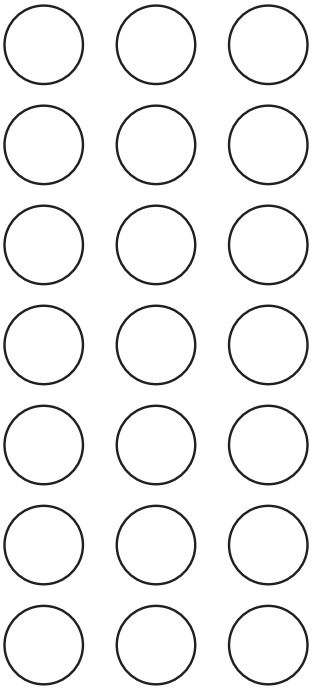
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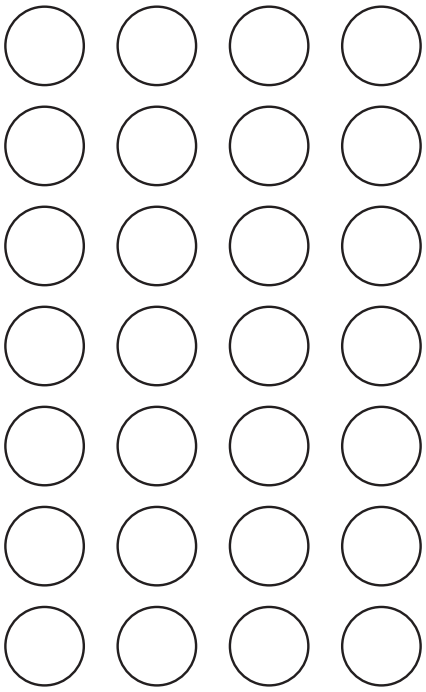
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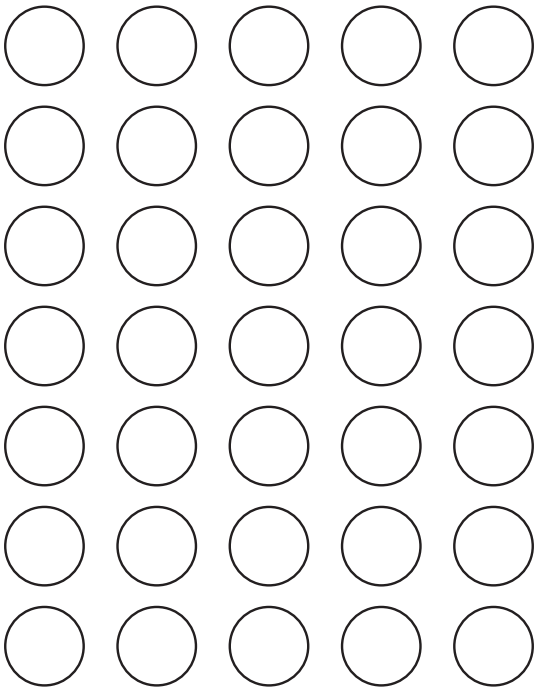
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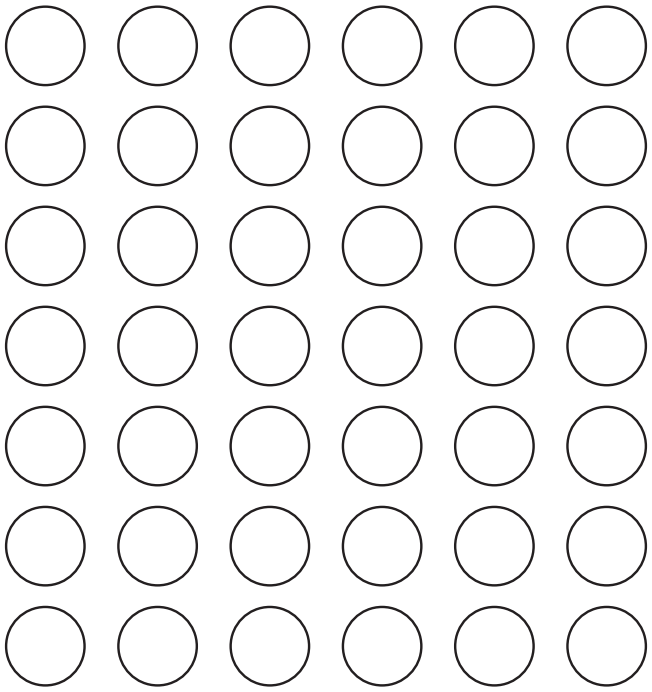
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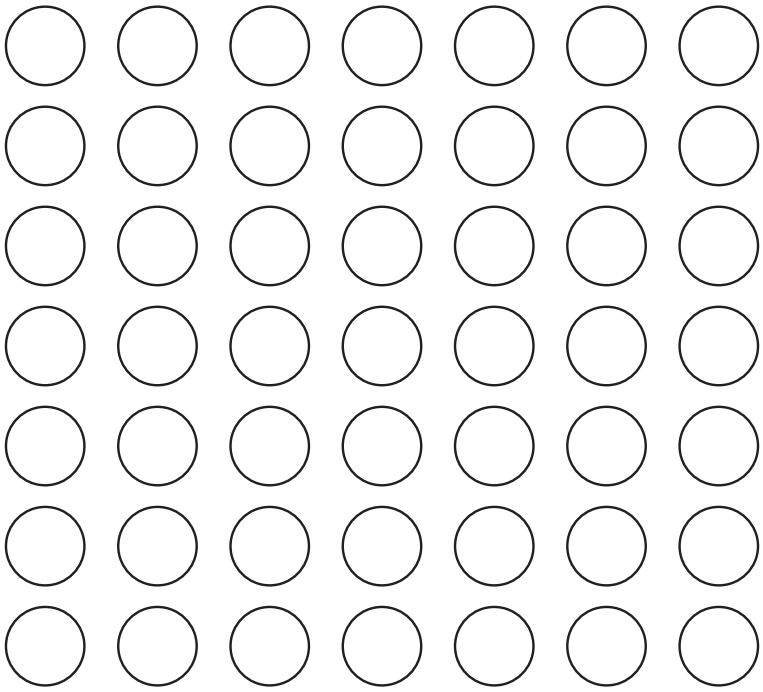
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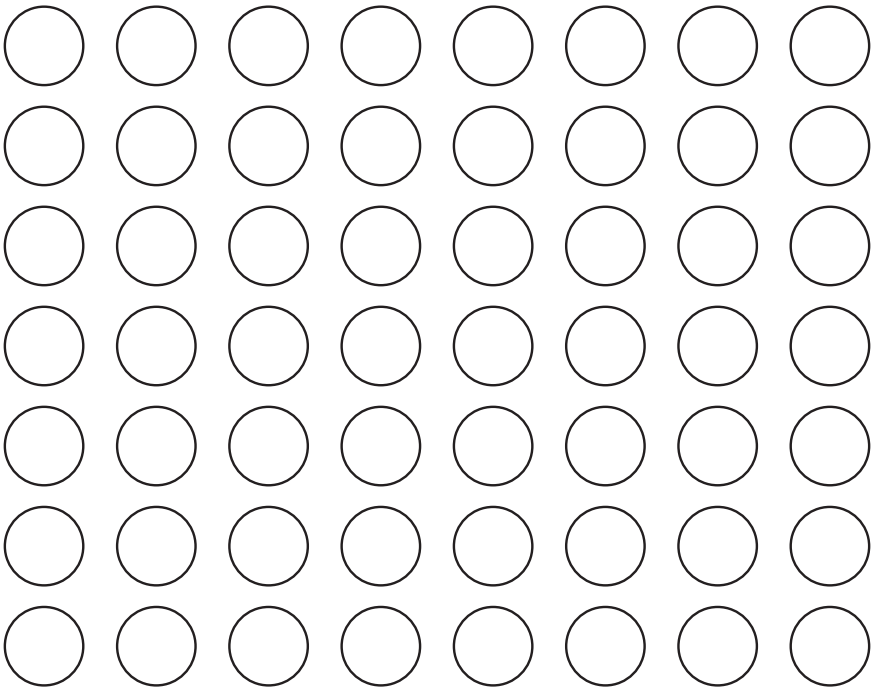
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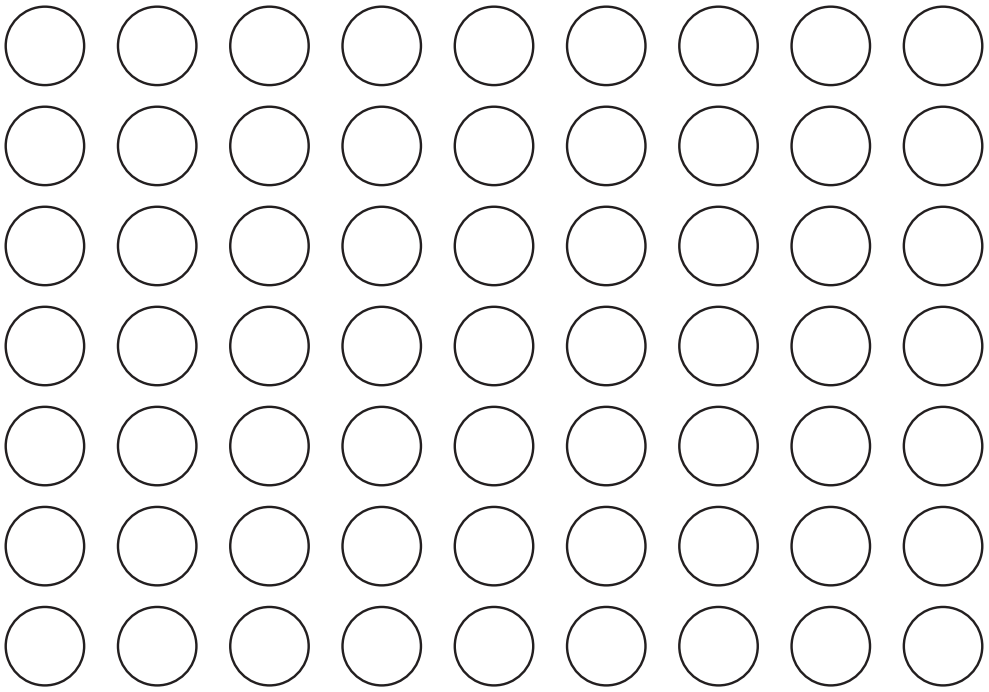
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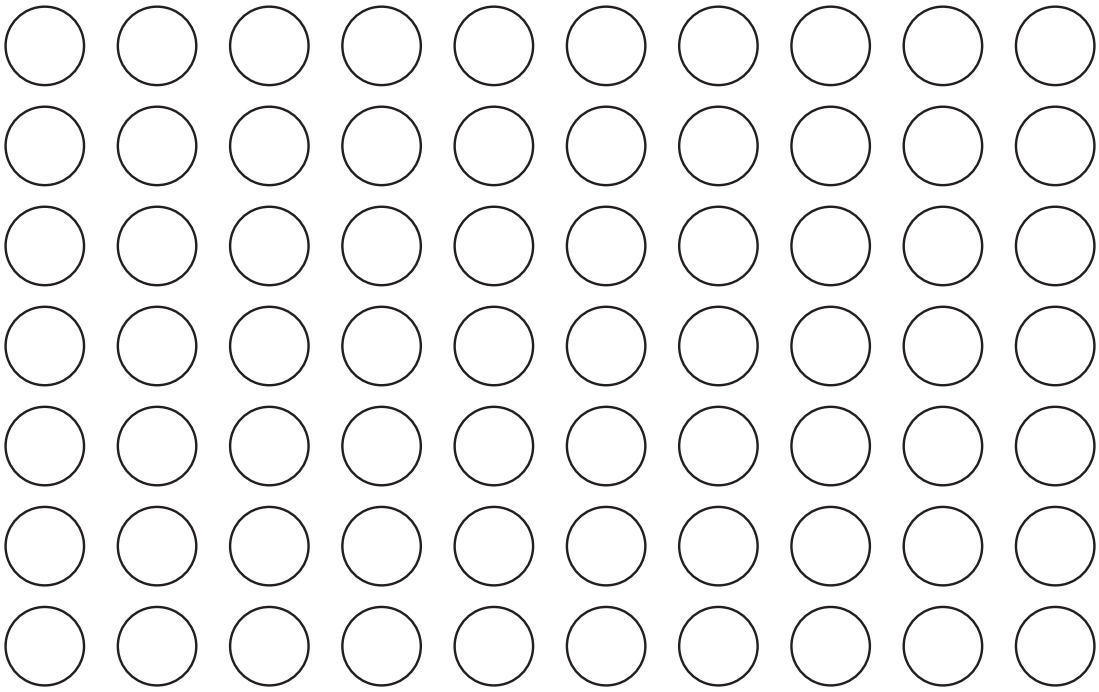
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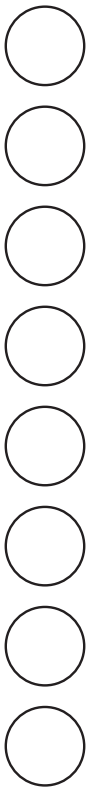
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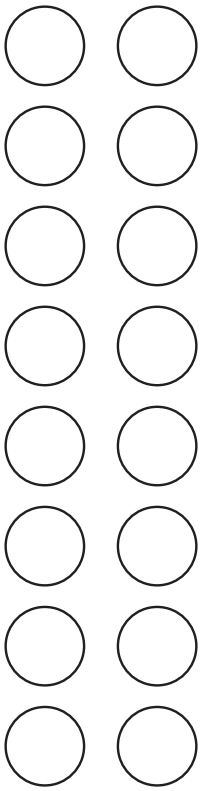
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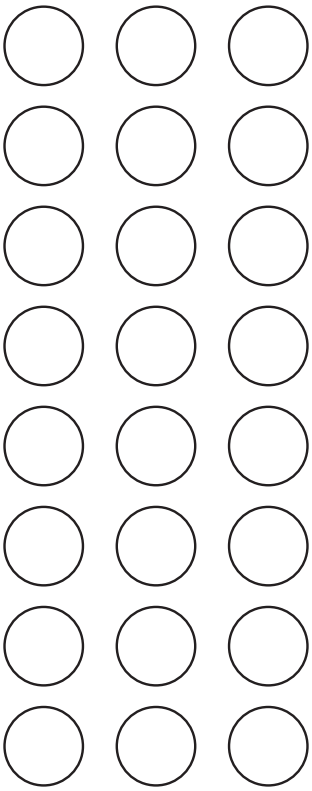
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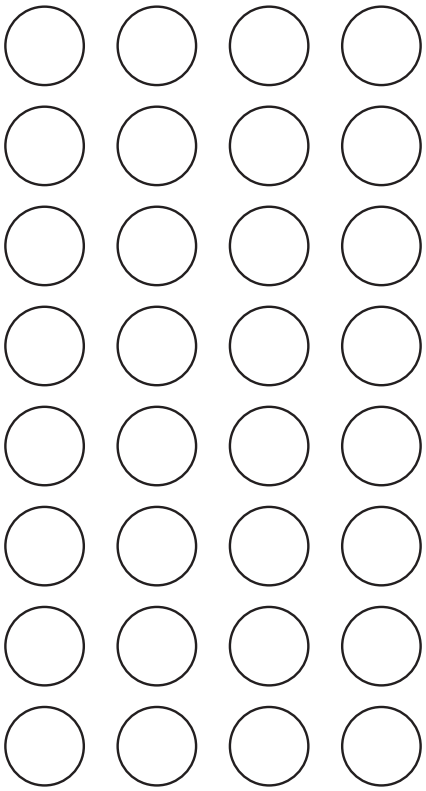
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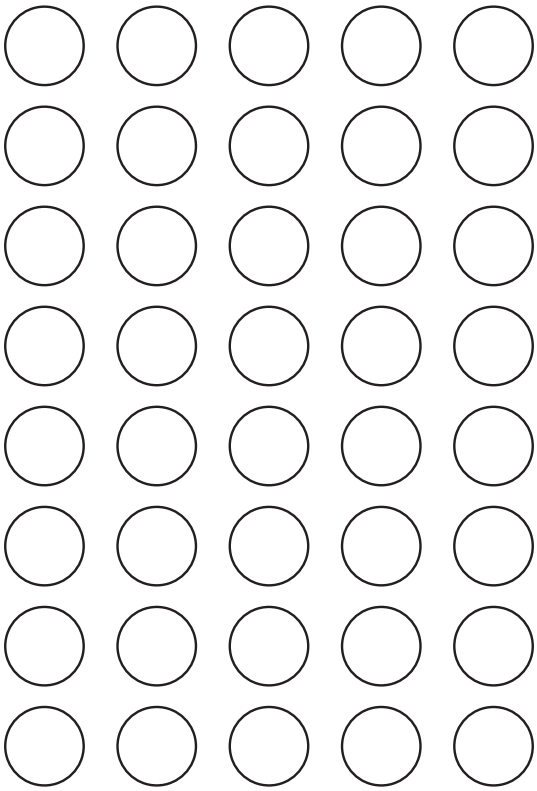
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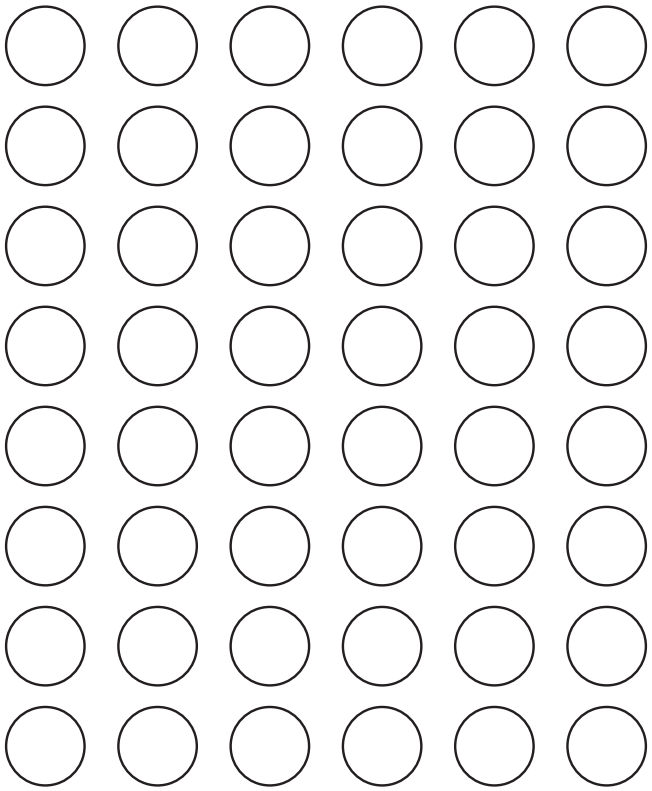
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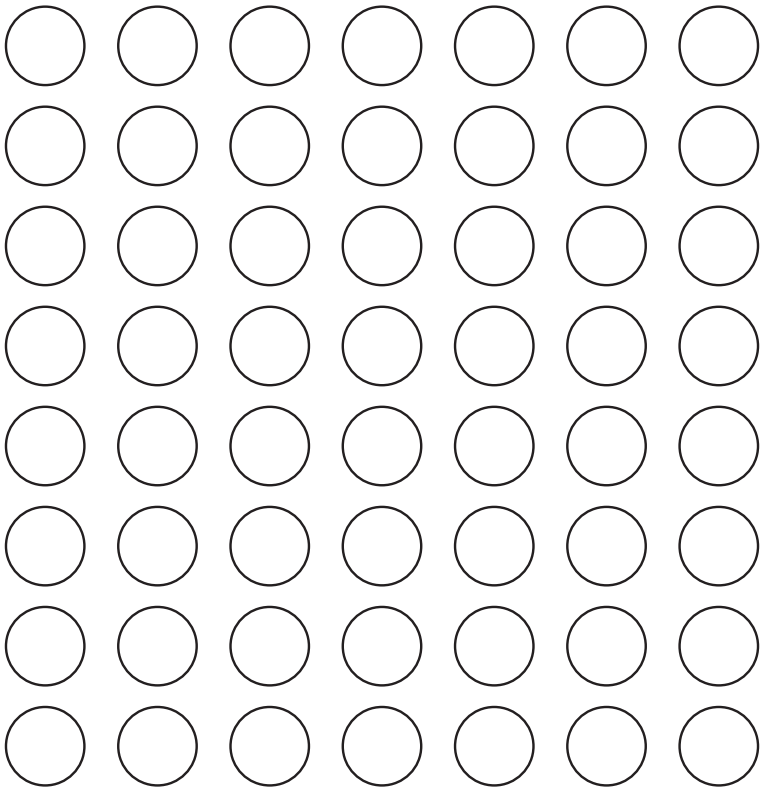
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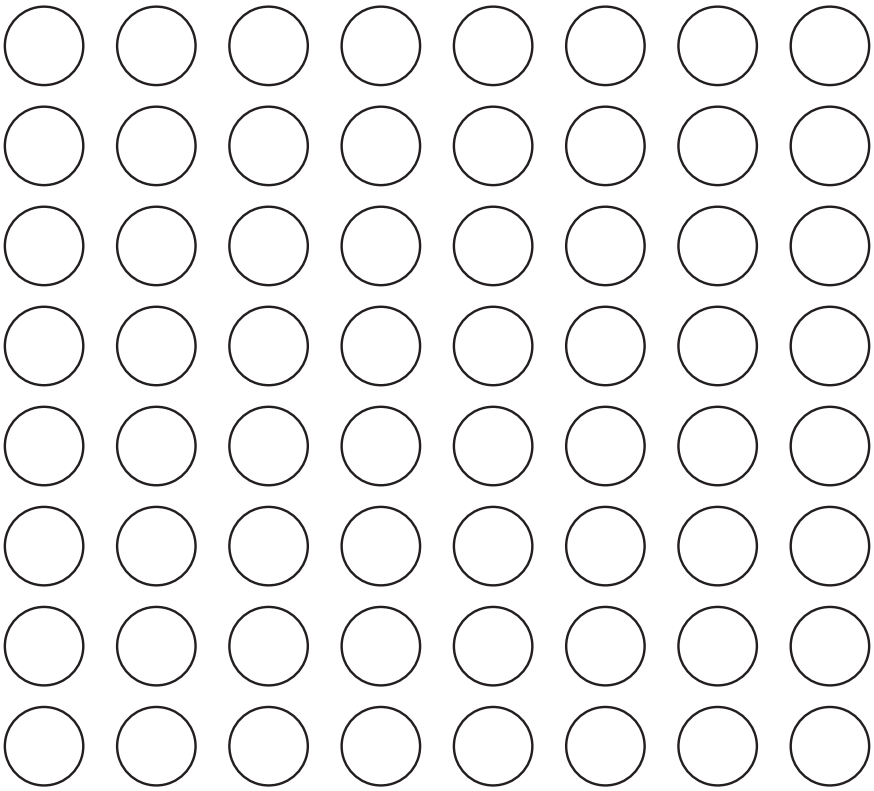
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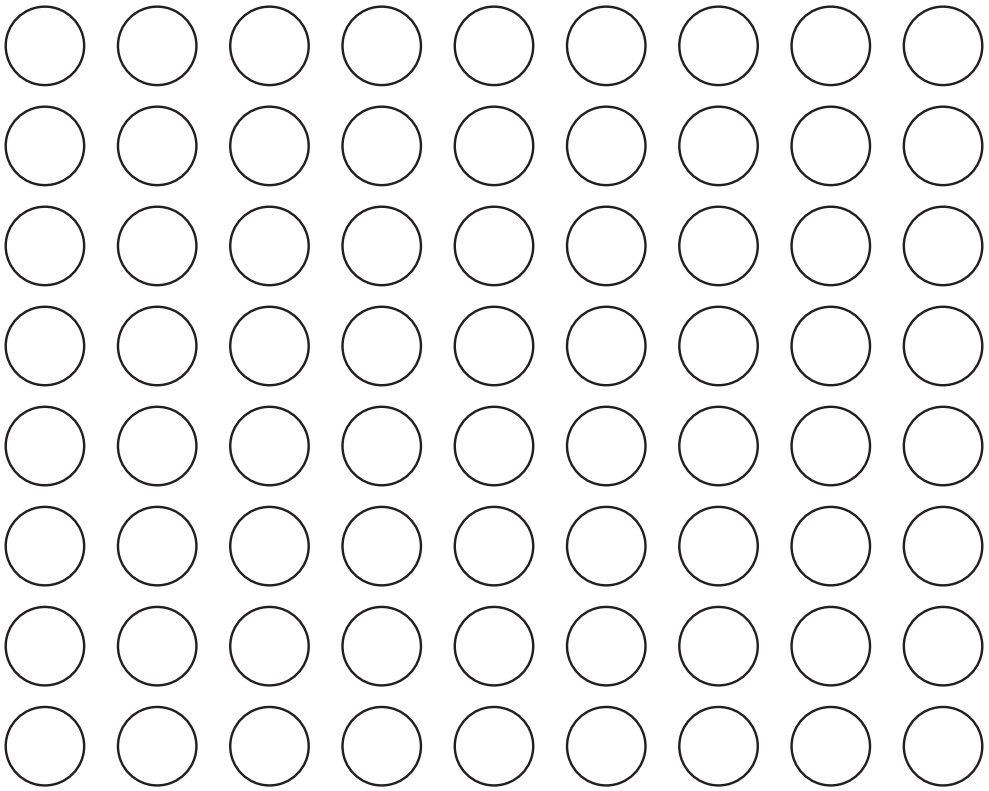
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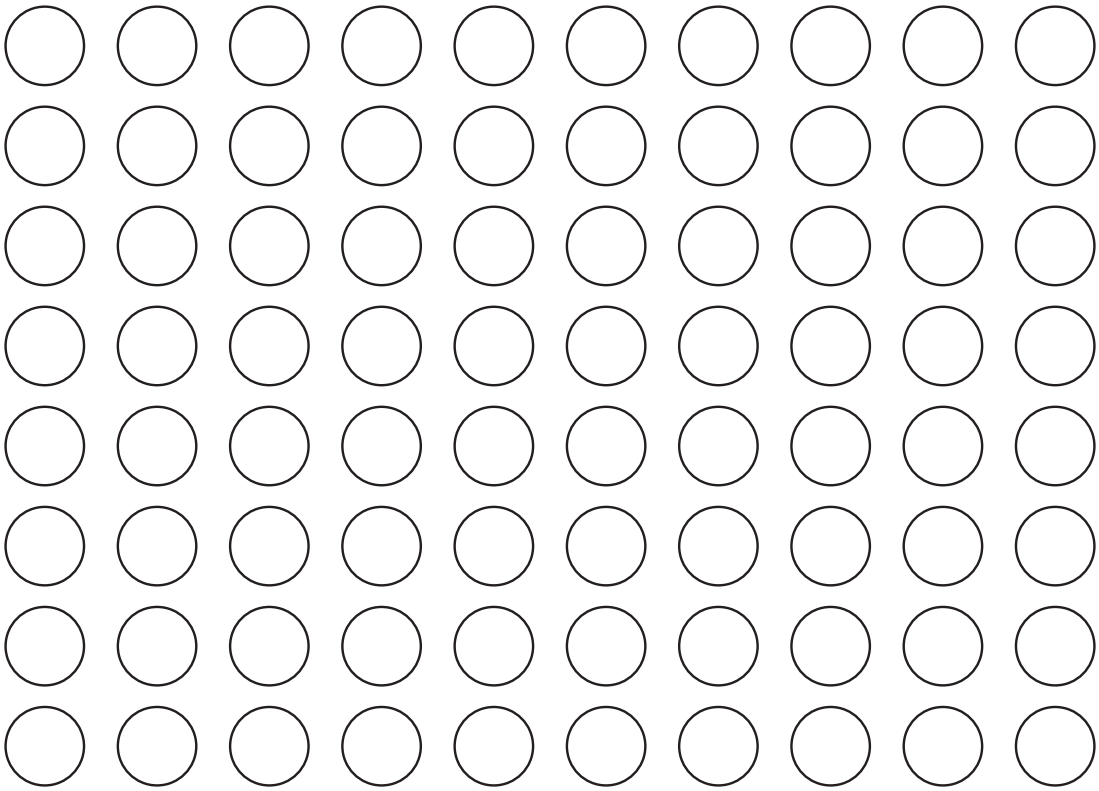
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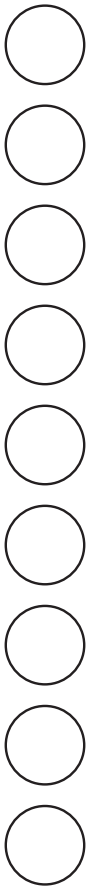
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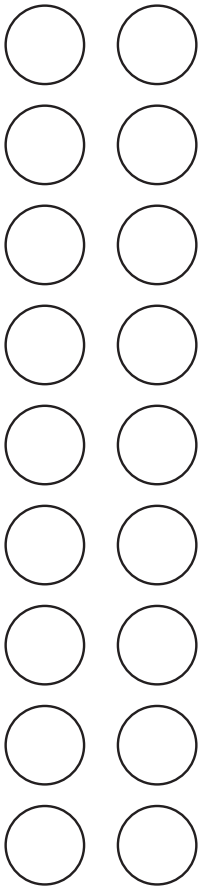
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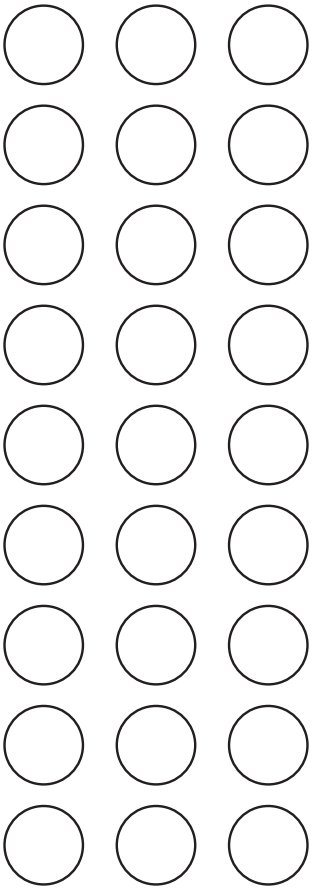
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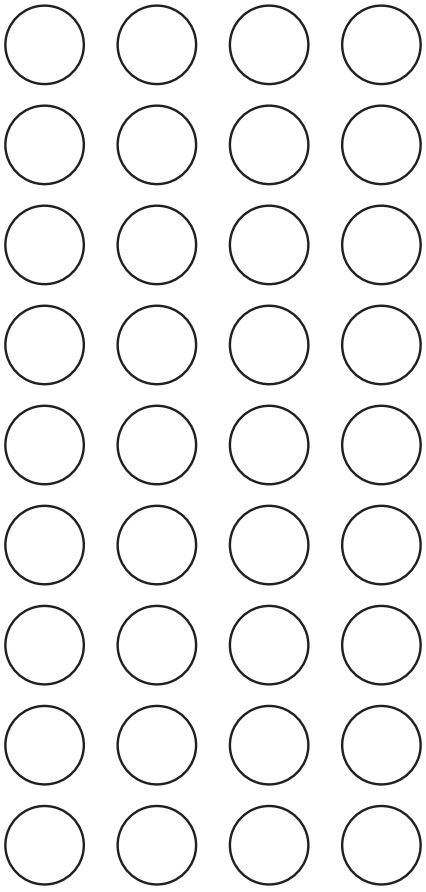
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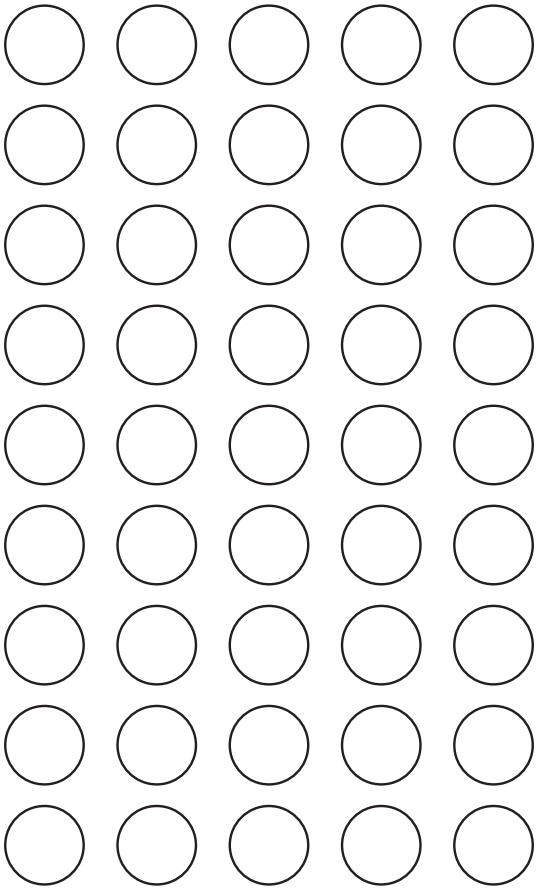
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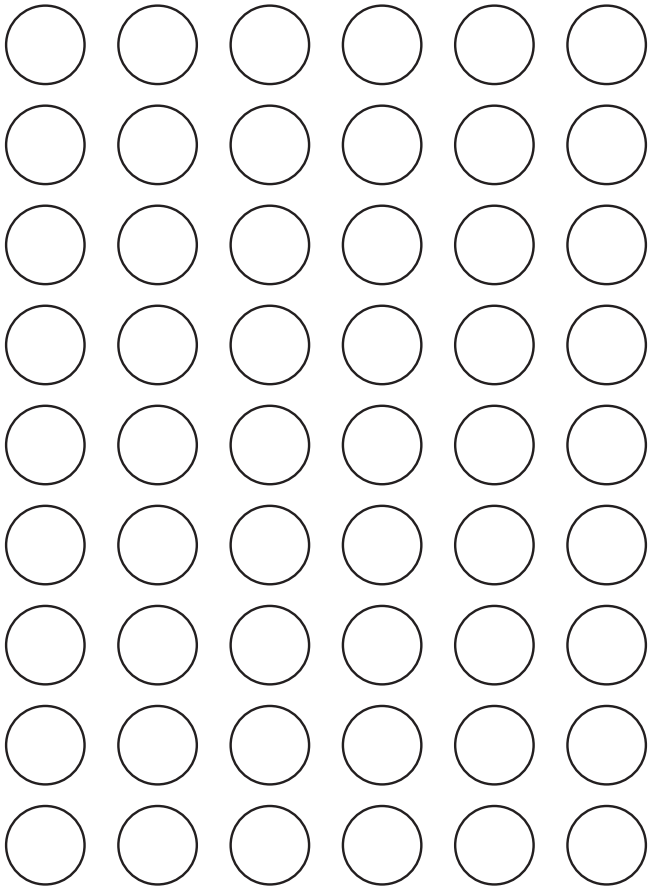
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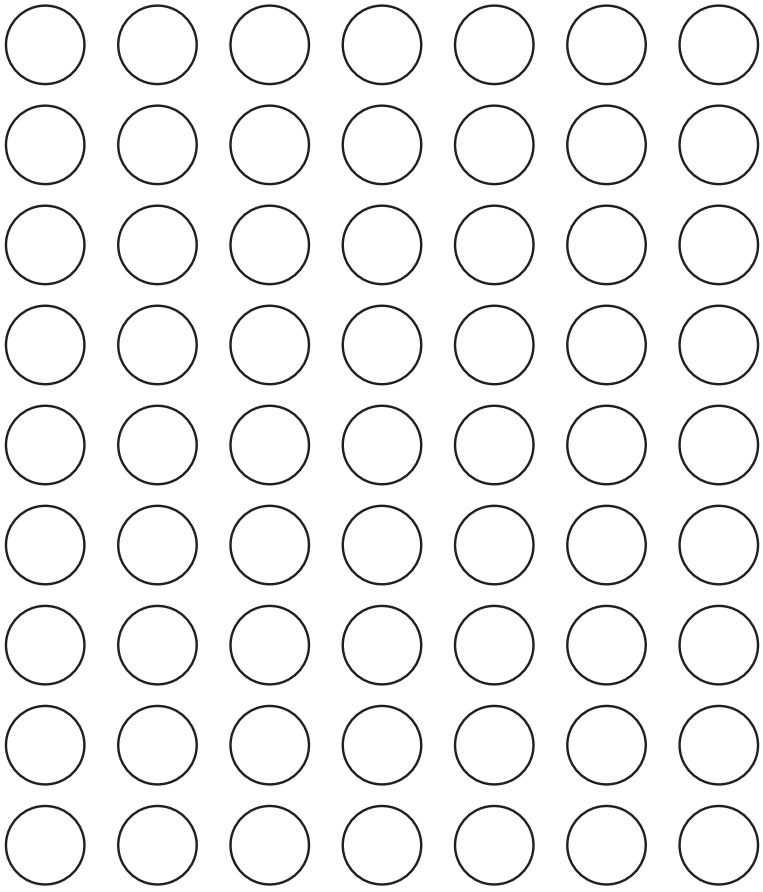
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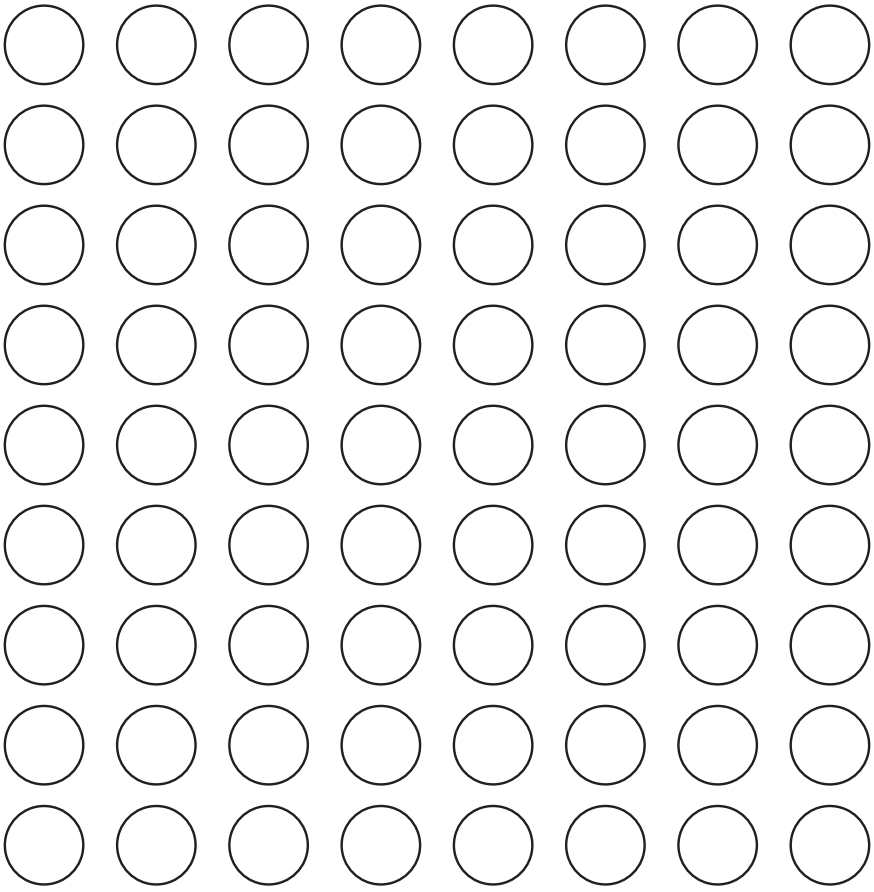
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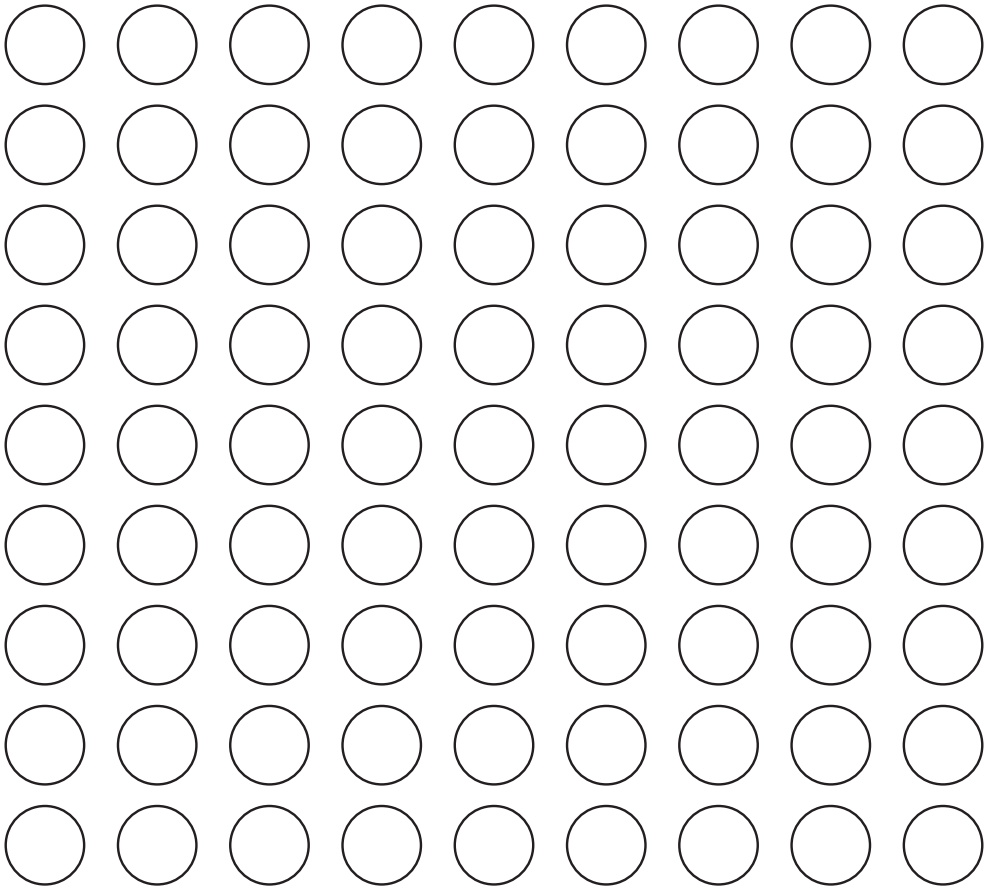
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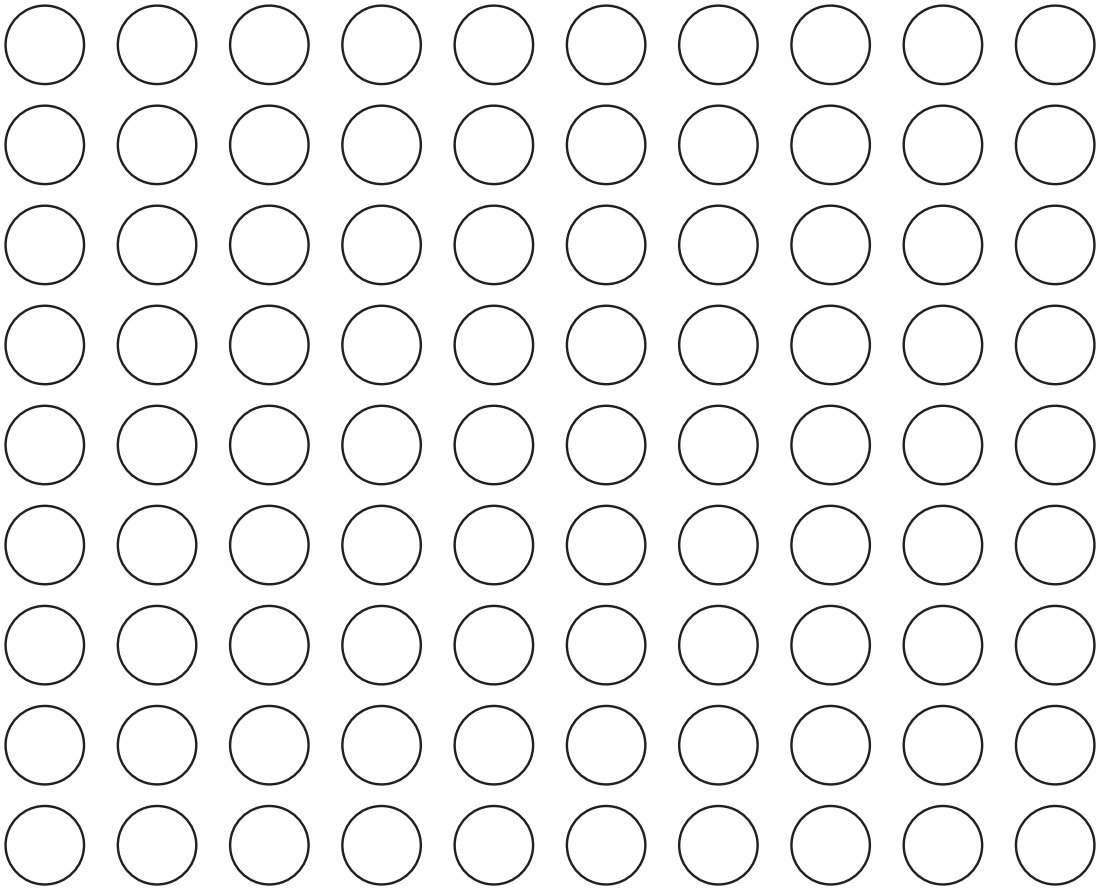
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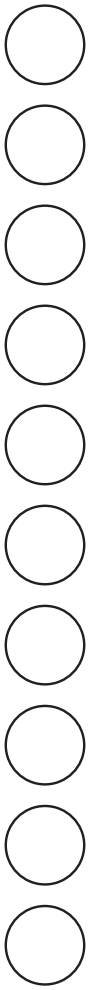
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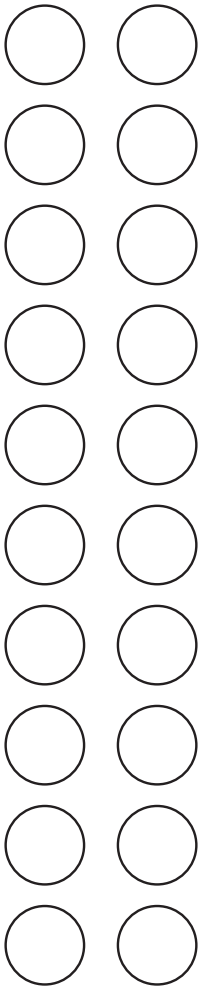
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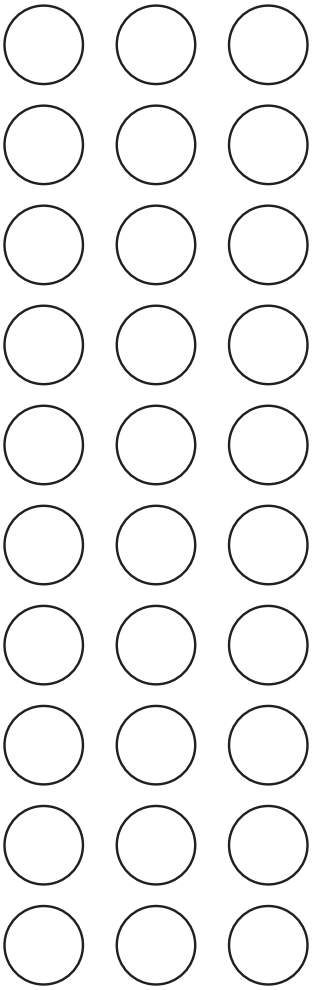
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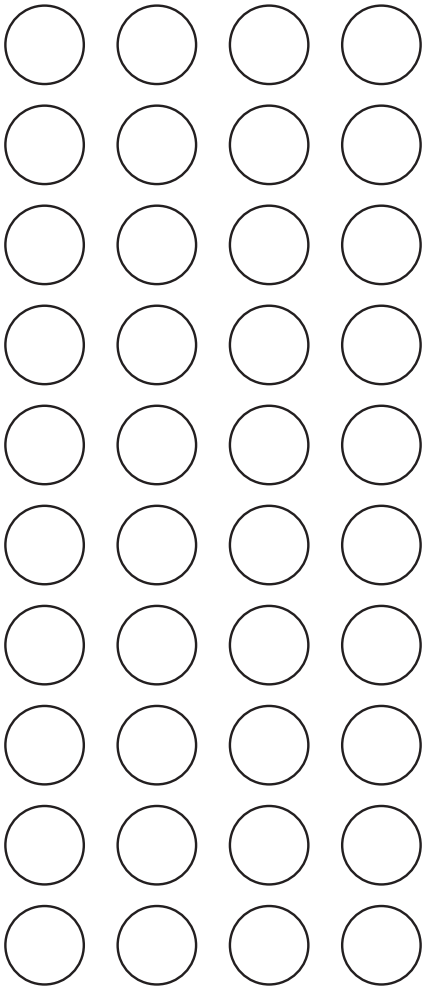
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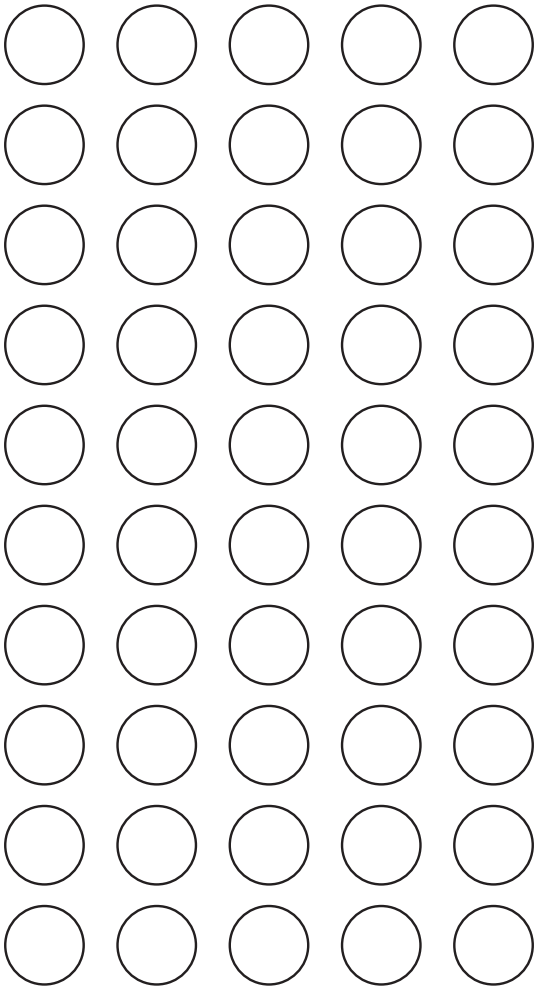
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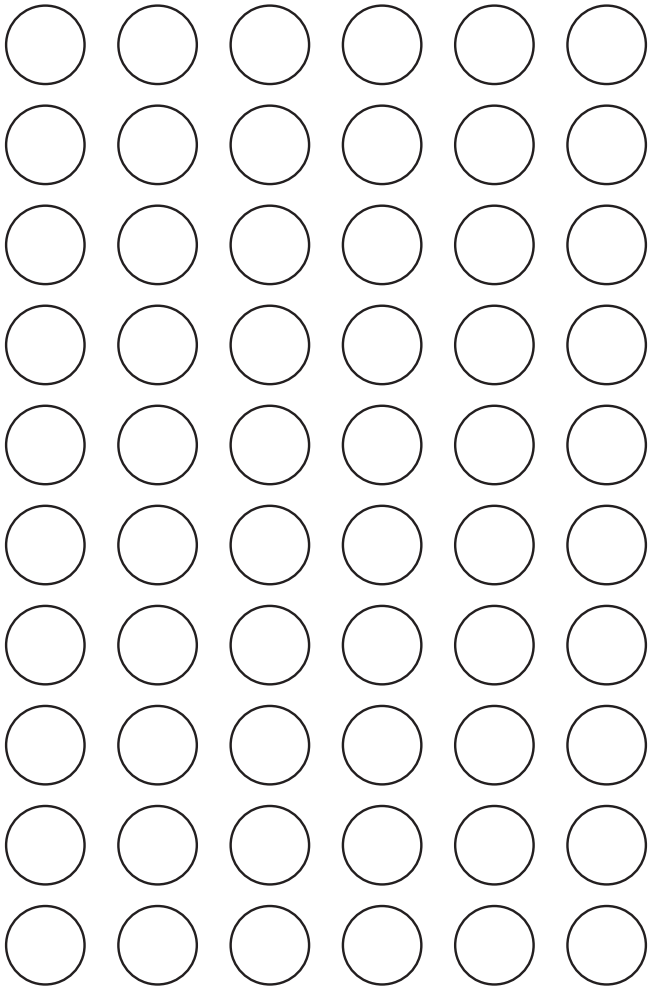
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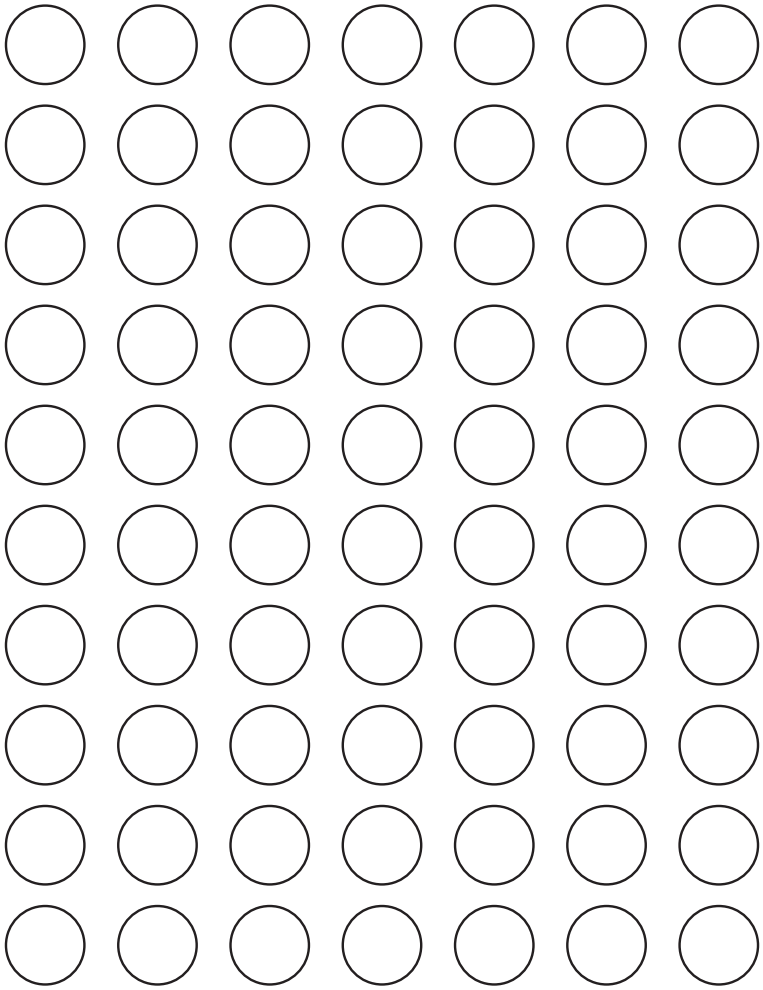
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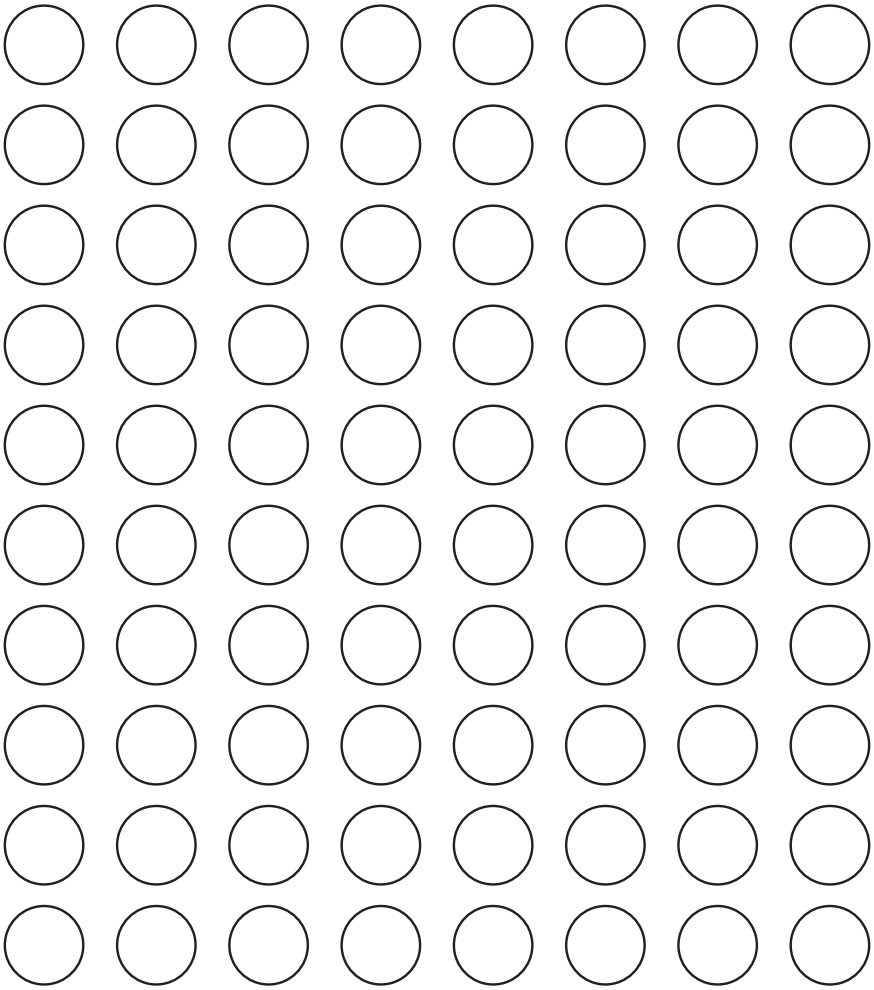
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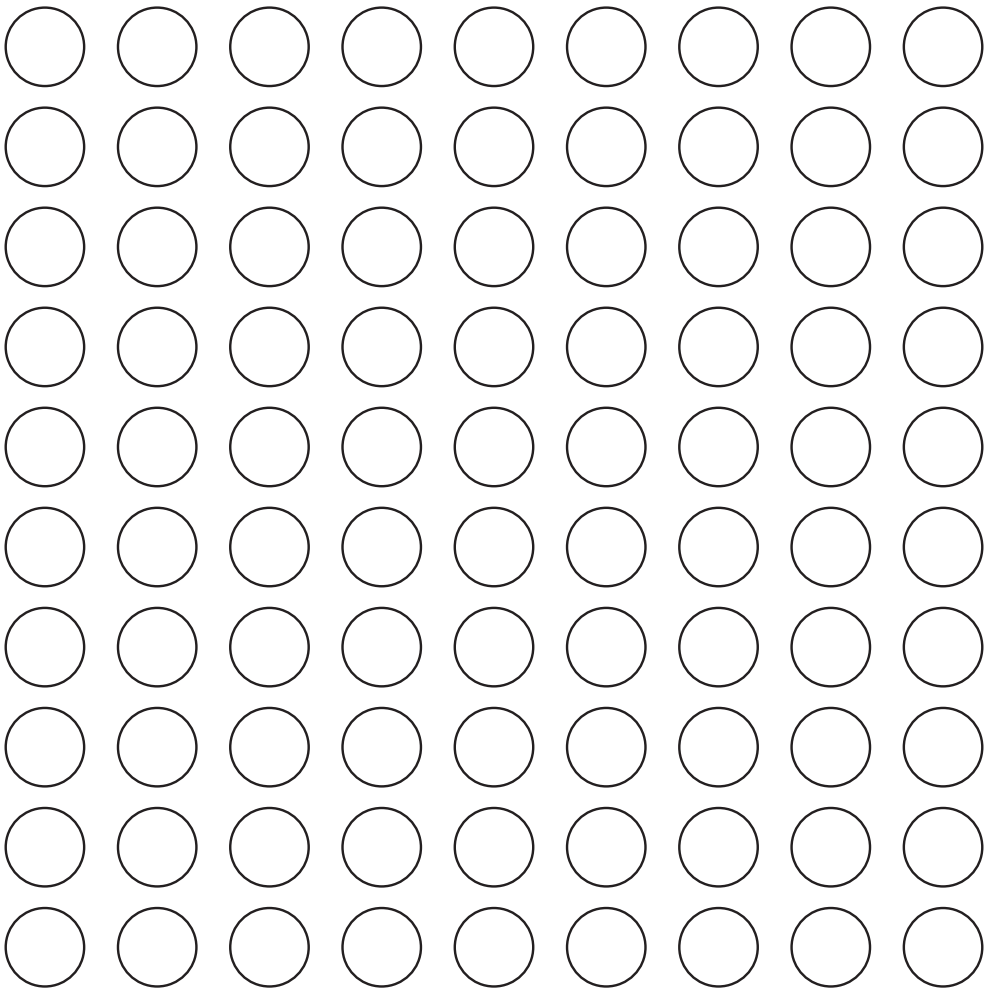
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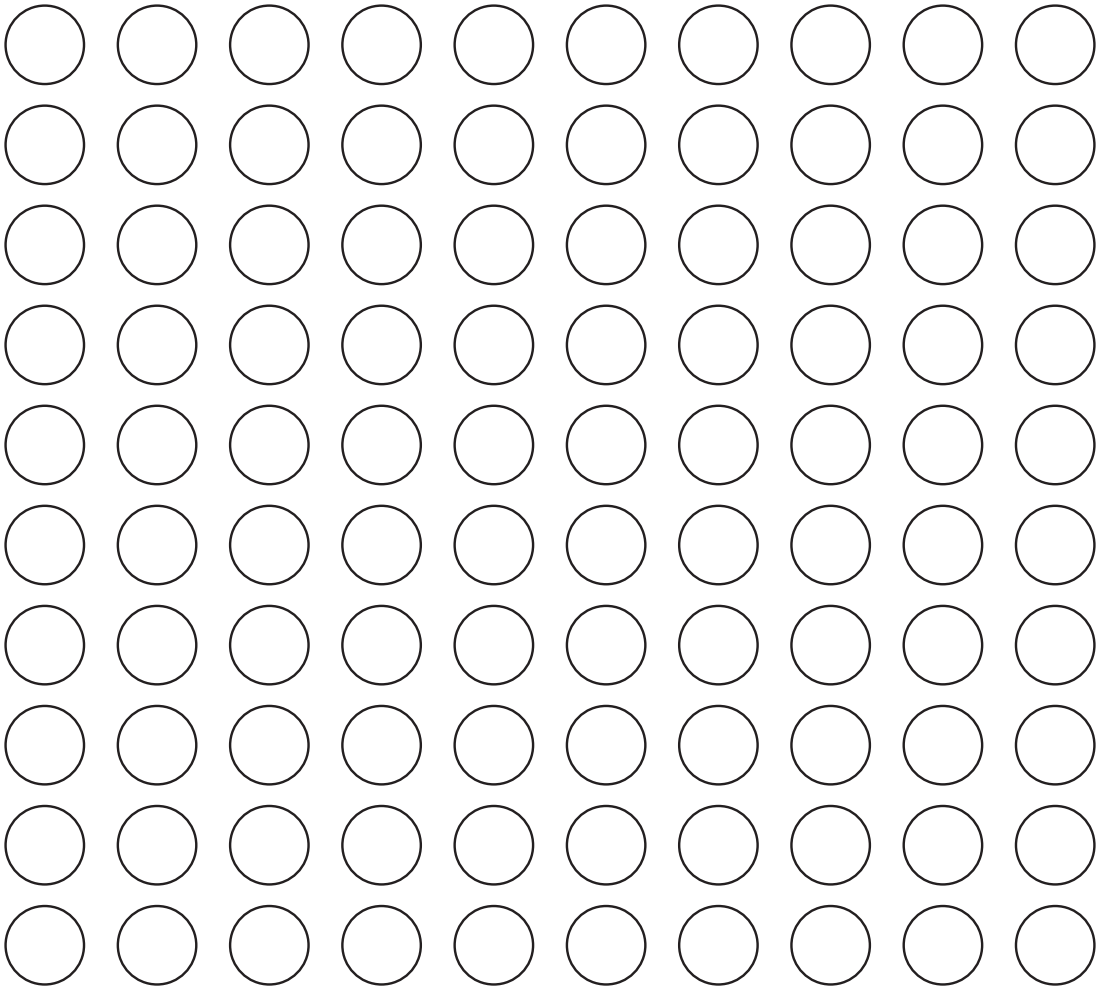
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