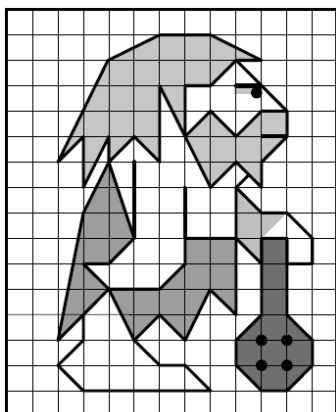
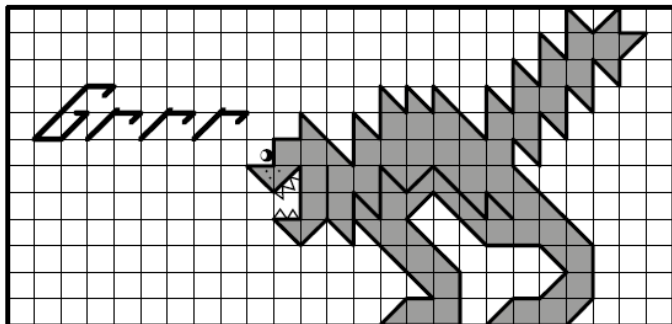
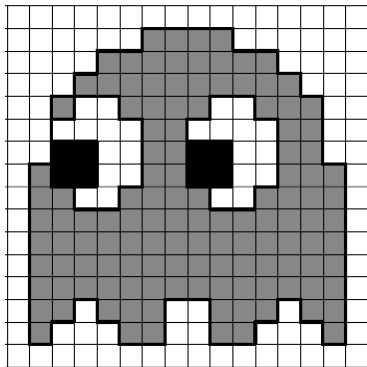
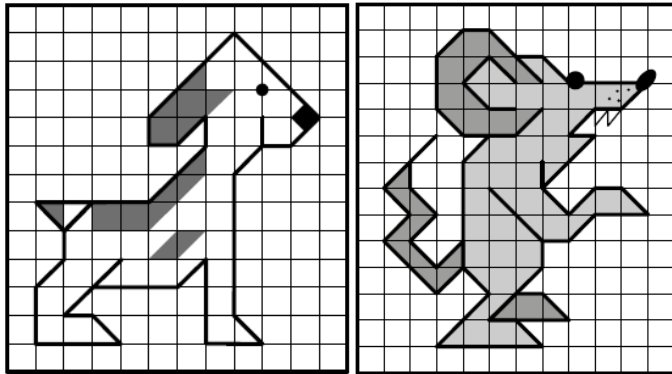




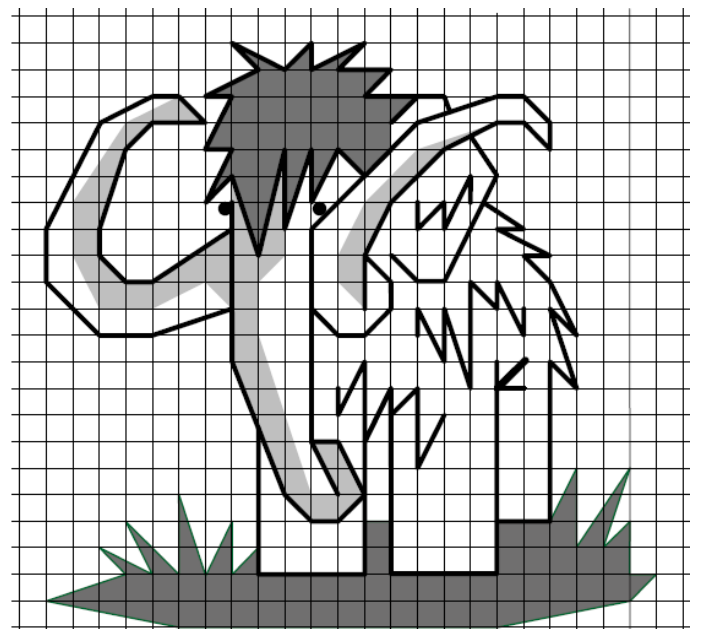
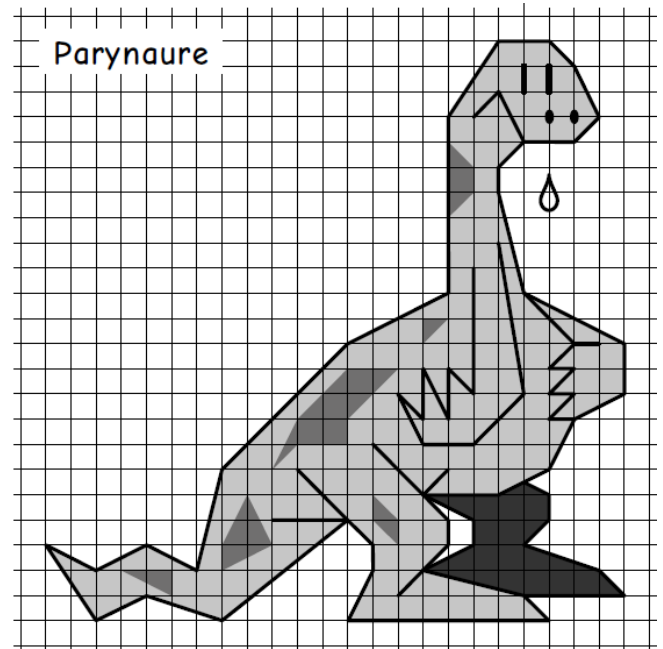
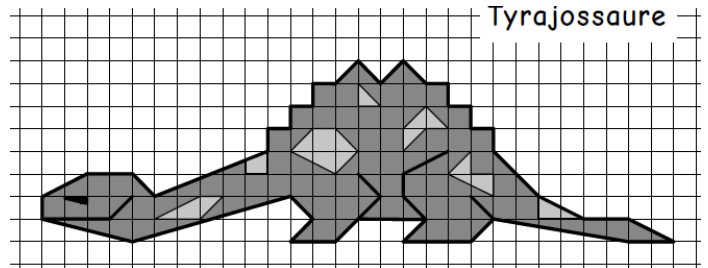
## Reproduction de figures (d'après IREM Paris nord)

Ces reproductions peuvent être effectuées sur des feuilles quadrillées que tu as à la maison  
(feuille de classeur ou feuille de cahier)

### Niveau 1 ☆



### Niveau 2 ☆☆



# Sudoku



(d'après Christophe Gilger - Ecole de Passy)

|          |          |          |          |
|----------|----------|----------|----------|
| <b>2</b> |          | <b>1</b> |          |
| <b>1</b> | <b>3</b> |          | <b>4</b> |
| <b>3</b> |          | <b>4</b> | <b>2</b> |
|          | <b>2</b> |          | <b>1</b> |

|          |          |          |          |
|----------|----------|----------|----------|
|          | <b>2</b> | <b>3</b> |          |
|          |          |          | <b>2</b> |
| <b>1</b> | <b>3</b> |          | <b>4</b> |
|          | <b>4</b> | <b>1</b> |          |

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|          | <b>4</b> | <b>9</b> | <b>8</b> | <b>3</b> | <b>6</b> | <b>7</b> |          | <b>2</b> |
| <b>5</b> |          | <b>6</b> |          | <b>4</b> | <b>1</b> | <b>9</b> | <b>3</b> | <b>8</b> |
| <b>2</b> | <b>3</b> | <b>8</b> | <b>5</b> | <b>7</b> |          | <b>1</b> | <b>6</b> |          |
| <b>7</b> | <b>2</b> |          | <b>3</b> | <b>6</b> | <b>8</b> |          | <b>9</b> | <b>1</b> |
| <b>6</b> | <b>8</b> | <b>3</b> | <b>9</b> |          | <b>5</b> | <b>4</b> | <b>2</b> | <b>7</b> |
| <b>9</b> |          | <b>1</b> | <b>4</b> | <b>2</b> |          | <b>3</b> |          | <b>6</b> |
| <b>3</b> |          | <b>2</b> |          | <b>9</b> | <b>4</b> | <b>8</b> | <b>1</b> | <b>5</b> |
| <b>4</b> |          | <b>5</b> | <b>6</b> | <b>8</b> |          | <b>2</b> | <b>7</b> | <b>9</b> |
| <b>8</b> | <b>9</b> | <b>7</b> | <b>1</b> | <b>5</b> | <b>2</b> |          | <b>4</b> |          |

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>7</b> | <b>6</b> |          | <b>9</b> |          | <b>4</b> |          | <b>2</b> | <b>5</b> |
| <b>3</b> | <b>5</b> | <b>4</b> | <b>6</b> | <b>2</b> | <b>8</b> | <b>1</b> | <b>9</b> | <b>7</b> |
| <b>9</b> | <b>2</b> |          | <b>1</b> |          | <b>7</b> | <b>6</b> | <b>3</b> |          |
|          | <b>1</b> | <b>9</b> | <b>5</b> | <b>4</b> | <b>6</b> |          | <b>7</b> | <b>8</b> |
| <b>4</b> |          | <b>3</b> | <b>2</b> |          | <b>9</b> | <b>5</b> | <b>1</b> |          |
| <b>5</b> | <b>7</b> | <b>6</b> | <b>3</b> | <b>8</b> |          | <b>9</b> | <b>4</b> | <b>2</b> |
| <b>1</b> | <b>9</b> |          | <b>7</b> |          | <b>2</b> | <b>4</b> | <b>8</b> |          |
| <b>8</b> | <b>3</b> | <b>2</b> | <b>4</b> | <b>9</b> | <b>5</b> |          | <b>6</b> | <b>1</b> |
| <b>6</b> |          | <b>7</b> | <b>8</b> | <b>1</b> |          | <b>2</b> | <b>5</b> | <b>9</b> |

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|          | <b>7</b> | <b>3</b> | <b>1</b> |          | <b>8</b> | <b>5</b> | <b>2</b> |          |
| <b>1</b> | <b>2</b> |          |          | <b>5</b> | <b>4</b> |          | <b>7</b> | <b>6</b> |
| <b>8</b> |          | <b>6</b> | <b>9</b> | <b>2</b> |          | <b>1</b> | <b>4</b> |          |
| <b>2</b> | <b>9</b> |          | <b>6</b> |          | <b>1</b> | <b>7</b> | <b>3</b> |          |
| <b>3</b> |          | <b>7</b> | <b>5</b> | <b>8</b> |          |          |          | <b>4</b> |
|          | <b>4</b> | <b>5</b> |          | <b>3</b> | <b>9</b> | <b>2</b> | <b>8</b> | <b>1</b> |
|          | <b>6</b> | <b>4</b> | <b>8</b> |          | <b>5</b> | <b>3</b> | <b>1</b> |          |
| <b>7</b> | <b>3</b> |          | <b>2</b> | <b>9</b> |          | <b>4</b> |          |          |
| <b>5</b> |          | <b>2</b> |          | <b>1</b> | <b>3</b> | <b>6</b> | <b>9</b> | <b>7</b> |

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>1</b> |          | <b>6</b> | <b>4</b> |          | <b>7</b> | <b>2</b> | <b>5</b> |          |
|          | <b>7</b> |          | <b>2</b> |          |          | <b>1</b> |          | <b>6</b> |
|          | <b>4</b> | <b>2</b> | <b>6</b> | <b>1</b> |          |          | <b>3</b> |          |
| <b>6</b> |          |          | <b>5</b> | <b>7</b> |          |          | <b>1</b> |          |
| <b>5</b> |          |          | <b>9</b> |          | <b>1</b> |          |          | <b>2</b> |
| <b>2</b> | <b>1</b> | <b>7</b> |          |          | <b>8</b> | <b>6</b> | <b>9</b> | <b>5</b> |
| <b>4</b> | <b>6</b> |          | <b>7</b> |          | <b>3</b> | <b>9</b> | <b>2</b> |          |
|          |          | <b>9</b> |          |          | <b>6</b> |          | <b>8</b> |          |
| <b>7</b> | <b>2</b> |          | <b>8</b> | <b>9</b> |          | <b>5</b> |          | <b>3</b> |