

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------|-----|------|--------|-----|----------------|-----|------|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|
| Mith Mathieu | Note : 10.5 | | | Rang : | | Moyenne : 11.0 | | | | Écart-type : 2.0 | | | | | | | | | | | | | | | | | | | | |
| | exercice-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | | | | | | | | | | | | | | | | | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 | | | | | | | | | | | | | | | | | | | |
| Sur la copie | 4.0 | 0.0 | 1.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| En réalité | 1.0 | 0.0 | 0.5 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| | exercice-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 | | | | | | | | | |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | | | | | | | | | |
| Sur la copie | 3.0 | 4.0 | 3.0 | 4.0 | 4.0 | 0.0 | 4.0 | 3.0 | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 1.0 | 0.0 | 4.0 | 2.0 | 4.0 | 0.0 | 4.0 | 1.0 | | | | | | | | | |
| En réalité | 1.125 | 1.0 | 0.75 | 1.0 | 1.0 | 0.0 | 1.0 | 0.75 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.5 | 0.0 | 1.0 | 0.5 | 1.0 | 0.0 | 1.0 | 0.5 | | | | | | | | | |
| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 1.0 | 0.0 | 4.0 | 4.0 | 1.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 4.0 |
| En réalité | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.25 | 0.25 | 0.0 | 1.0 | 1.0 | 0.25 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------|-----|-----|--------|-----|----------------|------|------|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|
| Aubry Milène | Note : 14.6 | | | Rang : | | Moyenne : 11.0 | | | | Écart-type : 2.0 | | | | | | | | | | | | | | | | | | | | | |
| | exercice-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | | | | | | | | | | | | | | | | | | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 | | | | | | | | | | | | | | | | | | | | |
| Sur la copie | 4.0 | 0.0 | 1.0 | 4.0 | 4.0 | 4.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | | |
| En réalité | 1.0 | 0.0 | 0.5 | 1.0 | 1.0 | 2.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | | |
| | exercice-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 | | | | | | | | | | |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | | | | | | | | | | |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 0.0 | 4.0 | 4.0 | 2.0 | 4.0 | 4.0 | 4.0 | | | | | | | | | | |
| En réalité | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.75 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 1.0 | 0.0 | 1.0 | 1.0 | 0.5 | 1.0 | 1.0 | 2.0 | | | | | | | | | | |
| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 | |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | |
| Sur la copie | 3.0 | 4.0 | 4.0 | 3.0 | 2.0 | 2.0 | 4.0 | 4.0 | 4.0 | 2.0 | 4.0 | 4.0 | 2.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 4.0 | 2.0 | 4.0 | 4.0 | |
| En réalité | 0.75 | 1.5 | 1.0 | 1.125 | 1.0 | 0.5 | 1.0 | 1.0 | 0.5 | 0.75 | 1.0 | 1.0 | 0.5 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.75 | 1.0 | 0.5 | 1.0 | 1.0 |

| Ploux Joris | Note : 11.1 | | | Rang : | | Moyenne : 11.0 | | | Écart-type : 2.0 | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------|-----|-----|--------|-----|----------------|-------|------|------------------|------|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|
| | exercice-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | | | | | | | | | | | | | | | | | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 | | | | | | | | | | | | | | | | | | | |
| Sur la copie | 4.0 | 0.0 | 2.0 | 4.0 | 4.0 | 2.0 | 3.0 | 3.0 | 1.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| En réalité | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.125 | 0.75 | 0.25 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| | exercice-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 | | | | | | | | | |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | | | | | | | | | |
| Sur la copie | 4.0 | 4.0 | 2.0 | 4.0 | 0.0 | 1.0 | 1.0 | 4.0 | 4.0 | 2.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 3.0 | 4.0 | 4.0 | | | | | | | | | |
| En réalité | 1.5 | 1.0 | 0.5 | 1.0 | 0.0 | 0.75 | 0.25 | 1.0 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.75 | 1.0 | 2.0 | | | | | | | | | |
| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 0.0 | 4.0 | 4.0 | 1.0 | 3.0 | 2.0 | 4.0 | 0.0 | 0.0 | 2.0 | 4.0 | 0.0 | 0.0 | 4.0 | 1.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 3.0 | 4.0 |
| En réalité | 0.0 | 1.5 | 1.0 | 0.375 | 1.5 | 0.5 | 1.0 | 0.0 | 0.0 | 0.75 | 1.0 | 0.0 | 0.0 | 1.0 | 0.25 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.25 | 0.75 | 1.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|------------|-----|------|--------|------|----------------|------|-----|-----|------------------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Le Borgne Irène | Note : 8.5 | | | Rang : | | Moyenne : 11.0 | | | | Écart-type : 2.0 | | | | | | | | | | | | | | | | | | | | | |
| | exercice-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | | | | | | | | | | | | | | | | | | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 | | | | | | | | | | | | | | | | | | | | |
| Sur la copie | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | | |
| En réalité | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | | |
| | exercice-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 | | | | | | | | | | |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | | | | | | | | | | |
| Sur la copie | 4.0 | 4.0 | 3.0 | 4.0 | 3.0 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | |
| En réalité | 1.5 | 1.0 | 0.75 | 1.0 | 0.75 | 0.0 | 0.25 | 0.0 | 0.0 | 0.5 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | |
| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 | |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | |
| Sur la copie | 4.0 | 4.0 | 0.0 | 1.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 4.0 | 0.0 | 1.0 | 3.0 | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 2.0 | 0.0 | 1.0 | 1.0 | |
| En réalité | 1.0 | 1.5 | 0.0 | 0.375 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0.375 | 1.0 | 0.0 | 0.25 | 0.75 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0.0 | 0.0 |

| Maguet Mathieu | Note : 10.4 | | | Rang : | | Moyenne : 11.0 | | | Écart-type : 2.0 | | |
|----------------|-------------|-----|-----|--------|-----|----------------|-----|-----|------------------|-----|-----|
| | exercice-3 | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 4.0 | 0.0 | 4.0 | 4.0 | 0.0 |
| En réalité | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 0.5 | 1.5 | 0.0 | 1.0 | 1.0 | 0.0 |

| exercice-2 | | | | | | | | | | | | | | | | | | | | | |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| En réalité | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 2.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 4.0 | 4.0 | 4.0 | 1.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 1.0 | 1.5 | 1.0 | 0.375 | 1.5 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| Lesaulnier Jules | Note : 10.3 | | | Rang : | | Moyenne : 11.0 | | | Écart-type : 2.0 | | | |
|------------------|-------------|------|-----|--------|-----|----------------|-------|-----|------------------|-----|-----|--|
| | exercice-3 | | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.0 | |
| Sur la copie | 0.0 | 3.0 | 3.0 | 4.0 | 2.0 | 4.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| En réalité | 0.0 | 0.75 | 1.5 | 1.0 | 0.5 | 2.0 | 1.125 | 0.0 | 0.0 | 0.0 | 0.0 | |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 1.0 | 1.0 | 4.0 | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 2.0 | 4.0 | 0.0 | 2.0 | 0.0 |
| En réalité | 1.5 | 1.0 | 1.0 | 1.0 | 0.5 | 0.75 | 0.25 | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.5 | 1.0 | 0.0 | 0.5 | 0.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 0.75 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 |

| Durand Lénaïc | Note : 11.7 | | | Rang : | | Moyenne : 11.0 | | | Écart-type : 2.0 | | |
|---------------|-------------|-----|-----|--------|-----|----------------|-----|-----|------------------|-----|-----|
| | exercice-3 | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 2.0 | 4.0 | 1.0 | 4.0 | 0.0 | 2.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 2.0 | 4.0 | 4.0 | 4.0 |
| En réalité | 1.5 | 1.0 | 0.5 | 1.0 | 0.25 | 3.0 | 0.0 | 0.5 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.0 | 1.0 | 2.0 |

| | exercice_1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 4.0 | 0.0 | 4.0 | 7.0 | 7.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 0.0 | 0.0 |
| En réalité | 0.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.75 | 1.75 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.25 | 0.0 | 0.0 |

| Lescop Louise | Note : 7.6 | | | Rang : | | Moyenne : 11.0 | | | Écart-type : 2.0 | | | |
|---------------|------------|------|-----|--------|-----|----------------|-----|-----|------------------|-----|-----|--|
| | exercice-3 | | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.0 | |
| Sur la copie | 0.0 | 1.0 | 0.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| En réalité | 0.0 | 0.25 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 0.0 | 4.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 2.0 | 0.0 | 4.0 | 0.0 | 4.0 |
| En réalité | 1.5 | 1.0 | 0.0 | 1.0 | 0.0 | 0.75 | 0.0 | 0.25 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.5 | 0.0 | 1.0 | 0.0 | 2.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | |
| Sur la copie | 3.0 | 4.0 | 0.0 | 1.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 2.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 4.0 | 4.0 | 1.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | |
| En réalité | 0.75 | 1.5 | 0.0 | 0.375 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.75 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.25 | 0.0 | 1.0 | 1.0 | 0.25 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|--------|------|----------------|------|------|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|
| Nio Corentin | Note : 8.8 | | | Rang : | | Moyenne : 11.0 | | | | Écart-type : 2.0 | | | | | | | | | | | | | | | | | | | | |
| | exercice-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | | | | | | | | | | | | | | | | | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 | | | | | | | | | | | | | | | | | | | |
| Sur la copie | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| En réalité | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| | exercice-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 | | | | | | | | | |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | | | | | | | | | | |
| Sur la copie | 3.0 | 4.0 | 0.0 | 4.0 | 3.0 | 0.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 2.0 | 2.0 | 4.0 | 0.0 | 4.0 | | | | | | | | | |
| En réalité | 1.125 | 1.0 | 0.0 | 1.0 | 0.75 | 0.0 | 0.75 | 0.75 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.5 | 0.5 | 1.0 | 0.0 | 2.0 | | | | | | | | | |
| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 1.0 | 0.0 | 3.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 0.0 | 4.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 0.0 | 1.0 |
| En réalité | 0.5 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 0.0 | 0.25 | 0.0 | 1.125 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.25 | 0.0 | 0.25 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------|-----|-----|--------|------|----------------|------|-----|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Belz Florian | Note : 10.7 | | | Rang : | | Moyenne : 11.0 | | | | Écart-type : 2.0 | | | | | | | | | | | | | | | | | | | | |
| | exercice-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | | | | | | | | | | | | | | | | | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 | | | | | | | | | | | | | | | | | | | |
| Sur la copie | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| En réalité | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| | exercice-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 | | | | | | | | | |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | | | | | | | | | |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 4.0 | 3.0 | 4.0 | 0.0 | 2.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 2.0 | 0.0 | 4.0 | 4.0 | | | | | | | | | |
| En réalité | 1.5 | 1.0 | 1.0 | 1.0 | 0.25 | 3.0 | 0.75 | 1.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.5 | 0.0 | 1.0 | 2.0 | | | | | | | | | |
| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 4.0 | 4.0 | 0.0 | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 4.0 | 0.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 1.0 | 1.5 | 0.0 | 0.75 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------|-----|------|--------|----------------|-----|-----|-----|------------------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|------|-----|-----|-----|------|
| Phan Noémie | Note : 11.3 | | | Rang : | Moyenne : 11.0 | | | | Écart-type : 2.0 | | | | | | | | | | | | | | | | | | | | | |
| | exercice-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | | | | | | | | | | | | | | | | | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 | | | | | | | | | | | | | | | | | | | |
| Sur la copie | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| En réalité | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| | exercice-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 | | | | | | | | | |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | | | | | | | | | |
| Sur la copie | 4.0 | 0.0 | 1.0 | 4.0 | 4.0 | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 4.0 | 1.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | | | | | | | | | |
| En réalité | 1.5 | 0.0 | 0.25 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.75 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 2.0 | | | | | | | | | |
| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | |
| Sur la copie | 4.0 | 4.0 | 4.0 | 1.0 | 3.0 | 4.0 | 4.0 | 0.0 | 2.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 0.0 | 4.0 | 1.0 | 3.0 | 2.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 0.0 | 1.0 |
| En réalité | 1.0 | 1.5 | 1.0 | 0.375 | 1.5 | 1.0 | 1.0 | 0.0 | 0.25 | 1.5 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.25 | 0.75 | 0.5 | 1.0 | 1.0 | 0.75 | 1.0 | 1.0 | 0.0 | 0.25 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------|------|--------|-------|----------------|------|-----|------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
| Jariel Erwan | Note : 10.0 | | Rang : | | Moyenne : 11.0 | | | | Écart-type : 2.0 | | | | | | | | | | | | | | | | | | | | | |
| | exercice-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | | | | | | | | | | | | | | | | | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 | | | | | | | | | | | | | | | | | | | |
| Sur la copie | 0.0 | 3.0 | 1.0 | 2.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| En réalité | 0.0 | 0.75 | 0.5 | 0.5 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| | exercice-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 | | | | | | | | | |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | | | | | | | | | |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 1.0 | 0.0 | 3.0 | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | |
| En réalité | 1.5 | 1.0 | 1.0 | 1.0 | 0.0 | 0.75 | 0.0 | 0.75 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | |
| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 3.0 | 4.0 | 0.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 4.0 | 0.0 | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 4.0 | 2.0 |
| En réalité | 0.75 | 1.5 | 0.0 | 1.125 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.0 | 0.0 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.75 | 1.0 | 0.5 |

| Busnel Quentin | Note : 15.7 | Rang : | Moyenne : 11.0 | Écart-type : 2.0 |
|----------------|-------------|--------|----------------|------------------|
|----------------|-------------|--------|----------------|------------------|

| | exercice-3 | | | | | | | | | | |
|--------------|------------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 0.0 | 2.0 | 0.0 | 4.0 | 3.0 | 4.0 | 4.0 | 2.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 0.0 | 0.5 | 0.0 | 1.0 | 0.75 | 2.0 | 1.5 | 0.5 | 0.0 | 0.0 | 0.0 |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 1.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 4.0 | 4.0 | 0.0 | 4.0 |
| En réalité | 1.5 | 1.0 | 0.75 | 1.0 | 1.0 | 3.0 | 0.25 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 0.5 | 1.0 | 1.0 | 0.0 | 2.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 4.0 | 4.0 | 0.0 | 0.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 |
| En réalité | 0.75 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.5 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 |

| Levray Nathan | Note : 10.4 | Rang : | Moyenne : 11.0 | Écart-type : 2.0 |
|---------------|-------------|--------|----------------|------------------|
|---------------|-------------|--------|----------------|------------------|

| | exercice-3 | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 1.0 | 4.0 | 1.0 | 4.0 | 0.0 | 4.0 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 0.0 | 2.0 | 4.0 | 0.0 | 4.0 |
| En réalité | 1.5 | 1.0 | 0.25 | 1.0 | 0.25 | 3.0 | 0.0 | 1.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.5 | 1.0 | 0.0 | 2.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 4.0 | 4.0 | 0.0 | 1.0 | 2.0 | 4.0 | 0.0 | 2.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 4.0 | 4.0 | 0.0 | 4.0 |
| En réalité | 1.0 | 1.5 | 0.0 | 0.375 | 1.0 | 1.0 | 0.0 | 0.5 | 0.5 | 1.5 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.25 | 1.0 | 1.0 | 0.0 | 1.0 |

| chatel Thibault | Note : 12.7 | Rang : | Moyenne : 11.0 | Écart-type : 2.0 |
|-----------------|-------------|--------|----------------|------------------|
|-----------------|-------------|--------|----------------|------------------|

| | exercice-3 | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 0.0 | 4.0 | 2.0 | 4.0 | 4.0 | 3.0 | 0.0 | 4.0 | 0.0 | 4.0 | 0.0 |
| En réalité | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.5 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 0.0 | 3.0 | 4.0 | 0.0 | 4.0 | 4.0 | 2.0 | 2.0 | 0.0 | 0.0 | 4.0 | 2.0 | 2.0 | 2.0 | 4.0 | 4.0 |
| En réalité | 1.5 | 1.0 | 0.75 | 1.0 | 1.0 | 0.0 | 0.75 | 1.0 | 0.0 | 2.0 | 1.0 | 1.5 | 0.75 | 0.0 | 0.0 | 1.0 | 0.5 | 0.5 | 0.5 | 1.0 | 2.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 4.0 | 4.0 | 4.0 | 1.0 | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 0.0 | 4.0 | 0.0 | 1.0 | 4.0 | 4.0 | 4.0 | 1.0 | 0.0 | 4.0 |
| En réalité | 1.0 | 1.5 | 1.0 | 0.375 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 0.25 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.25 | 1.0 | 1.0 | 1.0 | 0.25 | 0.0 | 1.0 |

| Bellaigue Antoine | Note : 9.4 | Rang : | Moyenne : 11.0 | Écart-type : 2.0 |
|-------------------|------------|--------|----------------|------------------|
|-------------------|------------|--------|----------------|------------------|

| | exercice-3 | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 0.0 | 4.0 | 0.0 | 0.0 | 1.0 |
| En réalité | 1.5 | 1.0 | 1.0 | 1.0 | 0.75 | 0.75 | 0.25 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.5 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 3.0 | 4.0 | 4.0 | 1.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 |
| En réalité | 0.75 | 1.5 | 1.0 | 0.375 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 |

| Lemoine Corentin | Note : 10.1 | | | | Rang : | | Moyenne : 11.0 | | | Écart-type : 2.0 | | |
|------------------|-------------|-----|-----|-----|--------|-----|----------------|-----|-----|------------------|-----|--|
| | exercice-3 | | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 | |
| Sur la copie | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | |
| En réalité | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.5 | 1.5 | 1.0 | 0.0 | 0.0 | 0.0 | |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 1.0 | 0.0 | 4.0 | 1.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 2.0 | 4.0 | 0.0 | 0.0 | 2.0 |
| En réalité | 1.5 | 1.0 | 1.0 | 1.0 | 0.25 | 0.75 | 0.0 | 1.0 | 0.5 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.5 | 1.0 | 0.0 | 0.0 | 1.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|------|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 1.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 1.0 | 4.0 |
| En réalité | 1.0 | 1.5 | 0.75 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.375 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.25 | 1.0 |

| Leplat Léo | Note : 14.1 | | | Rang : | | Moyenne : 11.0 | | | Écart-type : 2.0 | | |
|--------------|-------------|------|-----|--------|-----|----------------|-----|-----|------------------|-----|--|
| | exercice-3 | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | |
| Sur la copie | 0.0 | 3.0 | 2.0 | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| En réalité | 0.0 | 0.75 | 1.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 3.0 | 4.0 | 2.0 | 4.0 | 4.0 | 4.0 | 2.0 | 4.0 | 4.0 | 2.0 | 2.0 | 4.0 | 2.0 | 4.0 |
| En réalité | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 0.25 | 0.75 | 2.0 | 1.0 | 1.0 | 3.0 | 1.5 | 1.0 | 1.0 | 1.0 | 0.5 | 0.5 | 1.0 | 0.5 | 2.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 4.0 | 4.0 | 0.0 | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 2.0 | 1.0 | 4.0 | 0.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 1.0 | 1.0 |
| En réalité | 1.0 | 1.5 | 0.0 | 0.75 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 0.25 | 0.5 | 0.25 | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0.25 |

| Salih Ayoub | Note : 11.6 | | | Rang : | | Moyenne : 11.0 | | | Écart-type : 2.0 | | |
|--------------|-------------|-----|-----|--------|-----|----------------|-----|------|------------------|-----|--|
| | exercice-3 | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | |
| Sur la copie | 4.0 | 4.0 | 1.0 | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 2.0 | 4.0 | |
| En réalité | 1.0 | 1.0 | 0.5 | 1.0 | 1.0 | 2.0 | 1.5 | 0.25 | 0.5 | 1.0 | |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 3.0 | 4.0 | 4.0 | 3.0 | 4.0 | 3.0 | 4.0 | 1.0 | 0.0 | 4.0 | 2.0 | 2.0 | 4.0 | 0.0 | 4.0 |
| En réalité | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.75 | 1.0 | 2.0 | 1.5 | 1.0 | 2.25 | 1.5 | 0.5 | 0.0 | 1.0 | 0.5 | 0.5 | 1.0 | 0.0 | 2.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-------|-----|-------|-----|-----|-----|-----|-----|-------|-----|-----|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 2.0 | 3.0 | 4.0 | 1.0 | 2.0 | 2.0 | 4.0 | 4.0 | 0.0 | 1.0 | 4.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 2.0 | 4.0 | 4.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 4.0 | 2.0 |
| En réalité | 0.5 | 1.125 | 1.0 | 0.375 | 1.0 | 0.5 | 1.0 | 1.0 | 0.0 | 0.375 | 1.0 | 0.0 | 0.25 | 0.0 | 0.25 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.5 | 1.0 | 1.0 | 0.25 | 0.0 | 0.0 | 0.0 | 0.25 | 1.0 | 0.5 |

| Prigent Thibaud | Note : 9.6 | | | Rang : | | Moyenne : 11.0 | | | Écart-type : 2.0 | | |
|-----------------|------------|-----|-----|--------|-----|----------------|-----|-----|------------------|-----|-----|
| | exercice-3 | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | |
| Sur la copie | 2.0 | 4.0 | 2.0 | 4.0 | 0.0 | 1.0 | 4.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 4.0 | 4.0 | 2.0 |
| En réalité | 0.75 | 1.0 | 0.5 | 1.0 | 0.0 | 0.75 | 1.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 4.0 | 4.0 | 4.0 | 1.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 4.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 |
| En réalité | 1.0 | 1.5 | 1.0 | 0.375 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.125 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 |

| Le Masson Baptiste | Note : 12.9 | Rang : | Moyenne : 11.0 | Écart-type : 2.0 |
|--------------------|-------------|--------|----------------|------------------|
|--------------------|-------------|--------|----------------|------------------|

| | exercice-3 | | | | | | | | | | |
|--------------|------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 0.0 | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 2.0 | 4.0 | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 2.0 | 4.0 | 4.0 | 0.0 | 3.0 |
| En réalité | 1.5 | 1.0 | 0.5 | 1.0 | 0.5 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.5 | 1.0 | 1.0 | 0.0 | 1.5 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 2.0 | 4.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| En réalité | 0.5 | 1.5 | 1.0 | 1.5 | 1.5 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

| Guého Romane | Note : 8.5 | Rang : | Moyenne : 11.0 | Écart-type : 2.0 |
|--------------|------------|--------|----------------|------------------|
|--------------|------------|--------|----------------|------------------|

| | exercice-3 | | | | | | | | | | |
|--------------|------------|------|-----|-----|-----|-----|-----|------|-----|-----|-----|
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 0.0 | 1.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 0.0 |
| En réalité | 0.0 | 0.25 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 0.75 | 1.0 | 1.0 | 0.0 |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 4.0 | 0.0 | 0.0 |
| En réalité | 0.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.75 | 1.0 | 0.0 | 0.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 | |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | |
| Sur la copie | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 0.0 | 4.0 | 0.0 | 4.0 | 1.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | |
| En réalité | 1.0 | 1.5 | 1.0 | 0.0 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.25 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 |

| Chéri Agathe | Note : 8.9 | Rang : | Moyenne : 11.0 | Écart-type : 2.0 |
|--------------|------------|--------|----------------|------------------|
|--------------|------------|--------|----------------|------------------|

| | exercice-3 | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 0.0 | 4.0 | 2.0 | 0.0 | 0.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 0.0 | 4.0 |
| En réalité | 1.5 | 1.0 | 0.0 | 1.0 | 0.5 | 0.0 | 0.0 | 1.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 2.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 3.0 | 4.0 | 1.0 | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 0.0 | 0.0 | 2.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 4.0 | 0.0 | 4.0 | 0.0 | 4.0 | 0.0 |
| En réalité | 0.75 | 1.5 | 0.25 | 0.75 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.5 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 |

| Lefur Yannis | Note : 8.3 | Rang : | Moyenne : 11.0 | Écart-type : 2.0 |
|--------------|------------|--------|----------------|------------------|
|--------------|------------|--------|----------------|------------------|

| | exercice-3 | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 2.0 | 3.0 | 0.0 | 0.0 | 1.0 | 1.0 | 2.0 | 0.0 | 2.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 2.0 | 0.0 | 0.0 | 2.0 | 0.0 |
| En réalité | 1.5 | 0.5 | 0.75 | 0.0 | 0.0 | 0.75 | 0.25 | 0.5 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.5 | 0.0 | 0.0 | 0.5 | 0.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 4.0 | 4.0 | 4.0 | 1.0 | 3.0 | 4.0 | 1.0 | 2.0 | 0.0 | 4.0 | 4.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 2.0 | 4.0 | 3.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 |
| En réalité | 1.0 | 1.5 | 1.0 | 0.375 | 1.5 | 1.0 | 0.25 | 0.5 | 0.0 | 1.5 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.0 | 0.75 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 |

| Mercier Mathieu | Note : 10.4 | | | Rang : | | Moyenne : 11.0 | | | Écart-type : 2.0 | | |
|-----------------|-------------|-----|-----|--------|-----|----------------|-----|-----|------------------|-----|-----|
| | exercice-3 | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 0.0 | 4.0 | 0.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 2.0 | 4.0 | 0.0 | 4.0 | 1.0 |
| En réalité | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 0.75 | 0.0 | 1.0 | 0.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.5 | 1.0 | 0.0 | 1.0 | 0.5 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 | |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | |
| Sur la copie | 4.0 | 4.0 | 4.0 | 1.0 | 4.0 | 4.0 | 2.0 | 2.0 | 4.0 | 4.0 | 4.0 | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | |
| En réalité | 1.0 | 1.5 | 1.0 | 0.375 | 2.0 | 1.0 | 0.5 | 0.5 | 0.5 | 1.5 | 1.0 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 |

| le bian Dimitri | Note : 11.7 | | | Rang : | | Moyenne : 11.0 | | | Écart-type : 2.0 | | |
|-----------------|-------------|-----|-----|--------|------|----------------|-----|-----|------------------|-----|-----|
| | exercice-3 | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 4.0 | 2.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 2.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 1.0 | 0.5 | 2.0 | 1.0 | 0.75 | 2.0 | 1.5 | 0.5 | 0.0 | 0.0 | 0.0 |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 2.0 | 4.0 | 1.0 | 1.0 | 4.0 | 2.0 | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 1.0 | 4.0 | 4.0 | 0.0 | 4.0 |
| En réalité | 1.5 | 1.0 | 0.5 | 1.0 | 0.25 | 0.75 | 1.0 | 0.5 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.25 | 1.0 | 1.0 | 0.0 | 2.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 3.0 | 4.0 | 0.0 | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 0.75 | 1.5 | 0.0 | 0.75 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 |

| Viél Maxime | Note : 12.6 | | | Rang : | | Moyenne : 11.0 | | | Écart-type : 2.0 | | |
|--------------|-------------|------|-----|--------|-----|----------------|-----|-----|------------------|-----|-----|
| | exercice-3 | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 0.0 | 1.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 4.0 | 0.0 |
| En réalité | 0.0 | 0.25 | 1.5 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 0.5 | 1.0 | 0.0 |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 3.0 | 4.0 | 2.0 | 0.0 | 4.0 | 4.0 | 0.0 | 1.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 4.0 | 0.0 | 4.0 |
| En réalité | 1.5 | 1.0 | 0.75 | 1.0 | 0.5 | 0.0 | 1.0 | 1.0 | 0.0 | 0.5 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 1.0 | 0.0 | 2.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 2.0 |
| En réalité | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 0.0 | 0.5 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.5 |

| Martin Carla | Note : 9.4 | | | Rang : | | Moyenne : 11.0 | | | Écart-type : 2.0 | | |
|--------------|------------|-----|-----|--------|-----|----------------|-------|-----|------------------|-----|--|
| | exercice-3 | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | |
| Sur la copie | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 4.0 | 1.0 | 0.0 | 0.0 | 0.0 | |
| En réalité | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.375 | 0.0 | 0.0 | 0.0 | |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|------|-----|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 1.0 | 4.0 | 1.0 | 3.0 | 1.0 | 3.0 | 0.0 | 2.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 1.0 | 2.0 | 4.0 | 0.0 | 4.0 |
| En réalité | 1.5 | 1.0 | 0.25 | 1.0 | 0.25 | 2.25 | 0.25 | 0.75 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.25 | 0.5 | 1.0 | 0.0 | 2.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 2.0 | 4.0 | 0.0 | 2.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 3.0 | 4.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 0.0 | 4.0 | 0.0 | 4.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 0.0 |
| En réalité | 0.5 | 1.5 | 0.0 | 0.75 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.125 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.0 |

| Le Jan Thomas | Note : 8.9 | Rang : | Moyenne : 11.0 | Écart-type : 2.0 |
|---------------|------------|--------|----------------|------------------|
|---------------|------------|--------|----------------|------------------|

| | exercice-3 | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| exercice-2 | | | | | | | | | | | | | | | | | | | | | |
|--------------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 1.5 | 1.0 | 0.75 | 1.0 | 1.0 | 3.0 | 1.0 | 0.5 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 4.0 | 3.0 | 0.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 0.0 | 0.0 | 0.0 | 3.0 | 4.0 | 1.0 | 0.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 1.0 | 4.0 | 0.0 |
| En réalité | 1.0 | 1.125 | 0.0 | 1.5 | 1.5 | 1.0 | 1.0 | 1.0 | 0.5 | 0.75 | 0.0 | 0.0 | 0.0 | 0.75 | 1.0 | 0.25 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.25 | 1.0 | 0.0 |

| Marnot Corentin | Note : 10.2 | Rang : | Moyenne : 11.0 | Écart-type : 2.0 |
|-----------------|-------------|--------|----------------|------------------|
|-----------------|-------------|--------|----------------|------------------|

| | exercice-3 | | | | | | | | | | |
|--------------|------------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 0.0 | 2.0 | 0.0 | 4.0 | 3.0 | 4.0 | 0.0 | 0.0 | 0.0 | 4.0 | 0.0 |
| En réalité | 0.0 | 0.5 | 0.0 | 1.0 | 0.75 | 2.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 1.0 | 4.0 | 0.0 | 3.0 | 4.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 2.0 |
| En réalité | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.25 | 1.0 | 0.0 | 1.5 | 1.0 | 0.0 | 0.0 | 0.0 | 0.25 | 0.5 | 0.5 | 0.5 | 0.5 | 0.0 | 1.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|------|------|------|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-----|------|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 0.0 | 1.0 | 4.0 | 4.0 | 4.0 | 1.0 | 3.0 | 1.0 | 0.0 | 4.0 | 4.0 | 0.0 | 4.0 | 1.0 | 4.0 | 1.0 | 4.0 | 4.0 | 0.0 | 4.0 | 1.0 | 2.0 | 0.0 |
| En réalité | 1.0 | 1.5 | 1.0 | 1.5 | 1.5 | 1.0 | 1.0 | 0.0 | 0.125 | 1.5 | 1.0 | 1.0 | 0.25 | 0.75 | 0.25 | 0.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.25 | 1.0 | 0.25 | 1.0 | 1.0 | 0.0 | 1.0 | 0.25 | 0.5 | 0.0 |

| Marion cyprien | Note : 12.7 | Rang : | Moyenne : 11.0 | Écart-type : 2.0 |
|----------------|-------------|--------|----------------|------------------|
|----------------|-------------|--------|----------------|------------------|

| | exercice-3 | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 | 0.0 |
| En réalité | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 0.0 | 1.0 | 1.0 | 0.0 |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 | 3.0 | 0.0 | 1.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 1.5 | 1.0 | 1.0 | 1.0 | 0.0 | 3.0 | 1.0 | 0.75 | 0.0 | 0.5 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 0.0 | 4.0 | 0.0 | 4.0 |
| En réalité | 0.5 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 0.5 | 0.75 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 |

| Carfantan Hugo | Note : 16.4 | Rang : | Moyenne : 11.0 | Écart-type : 2.0 |
|----------------|-------------|--------|----------------|------------------|
|----------------|-------------|--------|----------------|------------------|

| | exercice-3 | | | | | | | | | | |
|--------------|------------|------|-----|-----|------|-----|-------|-----|-----|-----|-----|
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 0.0 | 1.0 | 4.0 | 4.0 | 3.0 | 4.0 | 3.0 | 2.0 | 4.0 | 4.0 | 4.0 |
| En réalité | 0.0 | 0.25 | 2.0 | 1.0 | 0.75 | 2.0 | 1.125 | 0.5 | 1.0 | 1.0 | 2.5 |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 1.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| En réalité | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 0.75 | 0.25 | 1.0 | 2.0 | 1.5 | 1.0 | 3.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 | |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | |
| Sur la copie | 4.0 | 4.0 | 4.0 | 1.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 3.0 | 4.0 | 4.0 | |
| En réalité | 1.0 | 1.5 | 1.0 | 0.375 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 0.25 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.75 | 1.0 | 1.0 |

| Felin Aurélien | Note : 11.4 | | | Rang : | | Moyenne : 11.0 | | | Écart-type : 2.0 | | |
|----------------|-------------|-----|-----|--------|------|----------------|-----|-----|------------------|-----|-----|
| | exercice-3 | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 0.0 | 0.0 | 3.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 2.0 | 0.0 | 0.0 |
| En réalité | 0.0 | 0.0 | 1.5 | 1.0 | 1.0 | 2.0 | 0.0 | 1.0 | 0.5 | 0.0 | 0.0 |
| | | | | | | | | | | | |
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | A6 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 |
| Sur la copie | 3.0 | 4.0 | 2.0 | 4.0 | 3.0 | 0.0 | 4.0 | 4.0 | 2.0 | 0.0 | 0.0 |
| En réalité | 1.125 | 1.0 | 0.5 | 1.0 | 0.75 | 0.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0.0 |
| | | | | | | | | | | | |
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4a | A4b |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0.5 | 0.5 |
| Sur la copie | 4.0 | 4.0 | 0.0 | 1.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| En réalité | 1.0 | 1.5 | 0.0 | 0.375 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0.5 | 0.5 |

| Uguen Gabrielle | | Note : 12.0 | | Rang : | | Moyenne : 11.0 | | Écart-type : 2.0 | | |
|-----------------|-----|-------------|-----|--------|-----|----------------|-------|------------------|-----|-----|
| exercice-3 | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 4.0 | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 1.0 | 0.5 | 2.0 | 1.0 | 1.0 | 2.0 | 1.125 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | |
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 0.0 | 4.0 | 2.0 | 0.0 | 1.0 | 4.0 | 0.0 | 0.0 |
| En réalité | 1.5 | 1.0 | 0.0 | 1.0 | 0.5 | 0.0 | 0.25 | 1.0 | 0.0 | 0.0 |
| | | | | | | | | | | |
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A3d |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.0 |
| Sur la copie | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 |
| En réalité | 0.5 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-------------|-----|------|-----|--------|-----|----------------|-----|-----|-------|------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Avril Baptiste | Note : 11.3 | | | | Rang : | | Moyenne : 11.0 | | | | Écart-type : 2.0 | | | | | | | | | | | | | | | | | | | |
| | exercice-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | | | | | | | | | | | | | | | | | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 | | | | | | | | | | | | | | | | | | | |
| Sur la copie | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| En réalité | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| | exercice-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 | | | | | | | | | |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | | | | | | | | | |
| Sur la copie | 4.0 | 4.0 | 3.0 | 4.0 | 3.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 3.0 | 0.0 | 2.0 | 4.0 | 4.0 | 0.0 | 4.0 | 0.0 | 4.0 | 2.0 | | | | | | | | | |
| En réalité | 1.5 | 1.0 | 0.75 | 1.0 | 0.75 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.25 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | | | | | | | | | |
| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | |
| Sur la copie | 4.0 | 4.0 | 1.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 4.0 | 0.0 | 0.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | |
| En réalité | 1.0 | 1.5 | 0.25 | 0.0 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.125 | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | |

| Quillivic Antoine | Note : 11.8 | | | | Rang : | | Moyenne : 11.0 | | | | Écart-type : 2.0 | | | | | | | | | | | | | | | | | | | |
|-------------------|-------------|------|-----|-----|--------|------|----------------|------|-----|-----|------------------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | exercice-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | | | | | | | | | | | | | | | | | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 | | | | | | | | | | | | | | | | | | | |
| Sur la copie | 4.0 | 1.0 | 2.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| En réalité | 1.0 | 0.25 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| | exercice-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 | | | | | | | | | |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | | | | | | | | | |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 4.0 | 4.0 | 3.0 | 1.0 | 4.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 0.0 | 4.0 | 1.0 | | | | | | | | | |
| En réalité | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 0.75 | 1.0 | 1.0 | 1.5 | 0.5 | 1.0 | 1.5 | 0.375 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.5 | | | | | | | | | |
| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 4.0 | 2.0 | 4.0 | 4.0 | 2.0 | 4.0 | 4.0 | 3.0 | 4.0 | 0.0 | 4.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 |
| En réalité | 1.0 | 0.75 | 1.0 | 1.5 | 1.0 | 1.0 | 1.0 | 0.75 | 0.5 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-------------|-----|-----|-----|--------|-----|----------------|------|------|-----|------------------|-----|------|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Jézéquel Armelle | Note : 10.6 | | | | Rang : | | Moyenne : 11.0 | | | | Écart-type : 2.0 | | | | | | | | | | | | | | | | | | | |
| | exercice-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | | | | | | | | | | | | | | | | | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 | | | | | | | | | | | | | | | | | | | |
| Sur la copie | 4.0 | 0.0 | 2.0 | 4.0 | 0.0 | 4.0 | 0.0 | 2.0 | 1.0 | 4.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| En réalité | 1.0 | 0.0 | 1.0 | 1.0 | 0.0 | 2.0 | 0.0 | 0.5 | 0.25 | 1.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| | exercice-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 | | | | | | | | | |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | | | | | | | | | |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 4.0 | 0.0 | 4.0 | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 3.0 | 0.0 | 0.0 | | | | | | | | | |
| En réalité | 1.5 | 1.0 | 1.0 | 1.0 | 0.5 | 3.0 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.25 | 0.75 | 0.0 | 0.0 | | | | | | | | | |
| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | |
| Sur la copie | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 2.0 | 4.0 | 1.0 | 0.0 | 4.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 4.0 |
| En réalité | 1.0 | 1.5 | 1.0 | 0.0 | 2.0 | 0.5 | 1.0 | 0.25 | 0.0 | 1.5 | 1.0 | 1.0 | 0.75 | 1.0 | 1.0 | 1.0 | 1.0 | 0.75 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------|-----|-----|------|--------|------|----------------|-----|-----|-----|------------------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Morel Zoé | Note : 11.7 | | | | Rang : | | Moyenne : 11.0 | | | | Écart-type : 2.0 | | | | | | | | | | | | | | | | | | | | |
| | exercice-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | | | | | | | | | | | | | | | | | | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 | | | | | | | | | | | | | | | | | | | | |
| Sur la copie | 0.0 | 4.0 | 4.0 | 4.0 | 3.0 | 4.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | | |
| En réalité | 0.0 | 1.0 | 2.0 | 1.0 | 0.75 | 2.0 | 1.125 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | | |
| | exercice-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 | | | | | | | | | | |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | | | | | | | | | | |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 1.0 | 0.0 | 2.0 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 0.0 | 4.0 | | | | | | | | | | |
| En réalité | 1.5 | 1.0 | 1.0 | 1.0 | 0.0 | 0.75 | 0.0 | 0.5 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 2.0 | | | | | | | | | | |
| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 | |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | |
| Sur la copie | 2.0 | 4.0 | 4.0 | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 0.0 | 4.0 | |
| En réalité | 0.5 | 1.5 | 1.0 | 0.75 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 0.0 | 1.0 | 1.0 | 0.75 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0.0 | 1.0 |

| Ricquebourg Dewi | Note : 9.9 | | | Rang : | | Moyenne : 11.0 | | | Écart-type : 2.0 | | |
|------------------|------------|-----|-----|--------|-----|----------------|-----|-----|------------------|-----|-----|
| | exercice-3 | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| exercice-2 | | | | | | | | | | | | | | | | | | | | | |
|--------------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | |
| Sur la copie | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 0.0 | 4.0 | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 1.0 | 0.0 | 4.0 | 2.0 | 3.0 | 0.0 | 0.0 | 2.0 |
| En réalité | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 0.75 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.5 | 0.0 | 1.0 | 0.5 | 0.75 | 0.0 | 0.0 | 1.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 4.0 | 4.0 | 4.0 | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 4.0 |
| En réalité | 1.0 | 1.5 | 1.0 | 0.75 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 0.0 | 0.0 | 1.0 | 0.75 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 |

| Raphalen Jules | Note : 10.1 | | | Rang : | | Moyenne : 11.0 | | | Écart-type : 2.0 | | |
|----------------|-------------|-----|-----|--------|-----|----------------|-----|-----|------------------|-----|-----|
| | exercice-3 | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 |
| Sur la copie | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| Sur la copie | 4.0 | 4.0 | 2.0 | 4.0 | 3.0 | 1.0 | 1.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 1.5 | 1.0 | 0.5 | 1.0 | 0.75 | 0.75 | 0.25 | 1.0 | 0.0 | 2.0 | 1.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 4.0 | 4.0 | 1.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 4.0 | 2.0 | 4.0 | 0.0 | 4.0 | 0.0 | 4.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 1.0 | 4.0 | 4.0 |
| En réalité | 1.0 | 1.5 | 0.25 | 1.125 | 1.5 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 0.0 | 1.0 | 0.5 | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.25 | 1.0 | 1.0 |

| Fromentin Rebecca | Note : 10.1 | | | | Rang : | Moyenne : 11.0 | | | | Écart-type : 2.0 | | |
|-------------------|-------------|-----|-----|-----|--------|----------------|-----|-----|-----|------------------|-----|--|
| | exercice-3 | | | | | | | | | | | |
| Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| Barème | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 | |
| Sur la copie | 4.0 | 4.0 | 2.0 | 4.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| En réalité | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |

| | exercice-2 | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|------|-----|-----|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A2a | A2b | A2c | A3 | A4 | A5a | A5b | A5c | B1 | B2a | B2b | B2c | B2d | B3a | B3b | C1 | C2 | C3 | C4 |
| Barème | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | |
| Sur la copie | 2.0 | 4.0 | 3.0 | 0.0 | 4.0 | 1.0 | 4.0 | 3.0 | 0.0 | 2.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 2.0 | 0.0 | 4.0 | 2.0 |
| En réalité | 0.75 | 1.0 | 0.75 | 0.0 | 1.0 | 0.75 | 1.0 | 0.75 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.5 | 0.0 | 1.0 | 1.0 |

| | exercice-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Questions | A1a | A1b | A1c | A2a | A2b | A2c | A3a | A3b | A3c | A4 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| Barème | 1.0 | 1.5 | 1.0 | 1.5 | 2.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Sur la copie | 4.0 | 4.0 | 1.0 | 4.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 0.0 | 0.0 | 4.0 | 0.0 | 4.0 | 4.0 | 0.0 | 4.0 | 0.0 | 4.0 | 2.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| En réalité | 1.0 | 1.5 | 0.25 | 1.5 | 2.0 | 1.0 | 0.75 | 1.0 | 0.5 | 1.5 | 1.0 | 0.5 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | 0.5 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 |