

# Provsammanställning – centralt innehåll matematik 1b

Nationellt prov i matematik 1b komvux 2021

| Delprov | Uppgift | Poäng |   |   | Taluppfattning<br>aritmetik o algebra |    |    |    |    | Geometri |    |    |    | Samband o förändring |    |    |    |    | Sannolikhet<br>o statistik |    | Problem-<br>lösning |    |    |
|---------|---------|-------|---|---|---------------------------------------|----|----|----|----|----------|----|----|----|----------------------|----|----|----|----|----------------------------|----|---------------------|----|----|
|         |         | E     | C | A | A1                                    | A2 | A3 | A4 | A5 | G1       | G2 | G3 | G4 | F1                   | F2 | F3 | F4 | F5 | S1                         | S2 | P1                  | P2 | P3 |
| B       | 1       | 1     | 0 | 0 |                                       |    | X  |    | X  |          |    |    |    |                      |    |    |    |    |                            |    |                     |    |    |
|         | 2       | 1     | 0 | 0 |                                       |    |    |    |    |          |    |    |    | X                    |    |    |    |    |                            |    |                     |    |    |
|         | 3       | 1     | 0 | 0 | X                                     |    |    |    |    |          |    |    |    |                      |    |    |    |    |                            |    |                     |    |    |
|         | 4       | 1     | 0 | 0 |                                       | X  |    |    |    |          |    |    |    |                      |    |    |    |    |                            |    |                     |    |    |
|         | 5       | 1     | 0 | 0 |                                       |    |    |    |    |          |    |    |    |                      | X  | X  |    |    |                            |    |                     |    |    |
|         | 6       | 1     | 1 | 0 |                                       |    |    |    |    |          |    |    |    | X                    |    |    |    |    |                            |    |                     |    |    |
|         | 7       | 0     | 1 | 0 |                                       |    | X  |    | X  |          |    |    |    |                      |    |    |    |    |                            |    |                     |    |    |
|         | 8       | 0     | 1 | 0 |                                       | X  |    |    |    |          |    |    |    |                      |    |    |    |    |                            |    |                     |    |    |
|         | 9       | 0     | 1 | 0 |                                       |    |    |    |    |          |    |    |    |                      |    |    |    |    | X                          |    |                     |    |    |
|         | 10      | 0     | 1 | 0 |                                       |    |    | X  |    |          |    |    |    |                      |    |    |    |    |                            |    |                     |    |    |
|         | 11a     | 1     | 0 | 0 |                                       |    |    |    |    |          | X  |    |    |                      |    |    |    |    |                            |    |                     |    |    |
|         | 11b     | 0     | 1 | 1 |                                       |    |    |    |    | X        | X  |    |    |                      |    |    |    |    |                            |    |                     |    |    |
|         | 12      | 0     | 1 | 0 |                                       |    | X  |    |    |          |    |    |    |                      |    |    |    |    |                            |    |                     |    |    |
|         | 13      | 0     | 1 | 0 |                                       |    |    |    |    |          |    |    | X  | X                    | X  | X  |    |    |                            |    | X                   |    |    |
|         | 14      | 0     | 0 | 1 |                                       | X  |    |    |    |          |    |    |    |                      |    |    |    |    |                            |    |                     |    |    |
|         | 15      | 0     | 0 | 1 | X                                     |    |    |    |    |          |    |    |    |                      |    |    |    |    |                            |    |                     | X  |    |
|         | 16      | 0     | 0 | 1 |                                       |    |    |    |    |          |    |    |    |                      |    |    |    |    |                            |    |                     | X  |    |
| C       | 17      | 4     | 3 | 4 | X                                     | X  |    |    |    |          |    |    |    |                      |    |    |    |    |                            |    |                     | X  |    |
|         | 18a     | 1     | 0 | 0 |                                       |    | X  |    |    |          |    |    |    |                      |    |    | X  |    |                            |    |                     |    |    |
|         | 18b     | 1     | 1 | 0 |                                       |    | X  |    | X  |          |    |    |    |                      |    |    | X  |    |                            |    |                     |    |    |
|         | 19      | 1     | 1 | 0 |                                       |    |    | X  | X  |          |    | X  |    |                      |    |    |    |    |                            |    |                     |    |    |
|         | 20      | 0     | 1 | 1 |                                       |    | X  |    |    |          |    |    |    |                      |    |    |    |    |                            |    |                     | X  |    |
| D       | 21      | 2     | 0 | 0 |                                       |    |    |    |    |          |    |    | X  | X                    |    |    |    |    |                            |    |                     |    | X  |
|         | 22      | 1     | 1 | 0 |                                       |    |    |    |    |          |    |    |    |                      |    |    |    | X  |                            |    |                     |    |    |
|         | 23a     | 1     | 0 | 0 |                                       |    |    |    |    |          | X  |    |    |                      |    |    |    |    |                            |    |                     | X  |    |
|         | 23b     | 0     | 2 | 0 |                                       |    | X  |    | X  |          | X  |    |    |                      |    |    |    |    |                            |    |                     | X  |    |
|         | 24      | 1     | 2 | 0 |                                       |    |    |    | X  |          |    |    |    | X                    |    |    |    |    |                            |    |                     |    | X  |
|         | 25      | 1     | 2 | 0 |                                       |    |    |    |    |          |    |    |    |                      |    |    |    |    | X                          |    |                     |    |    |
|         | 26      | 0     | 2 | 0 |                                       |    |    |    |    |          |    |    | X  | X                    |    |    |    |    |                            |    |                     |    |    |
|         | 27a     | 1     | 0 | 0 |                                       |    |    |    |    |          |    |    |    |                      |    |    |    |    |                            |    |                     | X  |    |
|         | 27b     | 2     | 0 | 0 |                                       |    | X  |    |    |          |    |    |    |                      |    |    |    |    |                            |    |                     |    |    |
|         | 27c     | 0     | 1 | 2 |                                       |    | X  |    | X  |          |    |    |    |                      |    |    |    |    |                            |    |                     | X  | X  |
|         | 28a     | 1     | 0 | 0 | X                                     |    |    |    |    |          |    |    |    |                      |    |    |    |    |                            |    |                     |    |    |
|         | 28b     | 0     | 1 | 1 | X                                     |    | X  |    |    |          |    |    |    |                      |    |    |    |    |                            |    |                     |    |    |
|         | 29a     | 0     | 1 | 1 |                                       |    |    |    |    |          |    |    |    |                      | X  | X  |    |    |                            |    |                     |    |    |
|         | 29b     | 0     | 1 | 1 |                                       |    |    |    |    |          |    |    |    |                      | X  |    |    |    |                            |    |                     |    |    |
|         | 30a     | 0     | 1 | 0 |                                       |    |    |    |    |          |    |    |    | X                    |    |    |    | X  |                            |    |                     |    |    |
|         | 30b     | 0     | 1 | 2 |                                       |    |    |    |    |          |    |    |    | X                    |    |    |    | X  |                            |    |                     |    | X  |
|         | 31a     | 0     | 1 | 1 |                                       |    |    |    | X  |          |    |    |    |                      |    |    |    |    |                            |    |                     | X  | X  |
|         | 31b     | 0     | 0 | 2 |                                       |    |    |    | X  |          |    |    |    |                      | X  | X  |    |    |                            |    |                     | X  | X  |

# Provsammanställning – förmågor matematik 1b

Nationellt prov i matematik 1b komvux 2021

| Del-<br>prov    | Uppg.<br>Poäng   | Nivå | Begrepp | Procedur | Problemlösning | Modellering | Resonemang | Kommunikation |
|-----------------|------------------|------|---------|----------|----------------|-------------|------------|---------------|
| B               | 1                | E    |         | X        |                |             |            |               |
|                 | 2                | E    | X       |          |                |             |            |               |
|                 | 3                | E    | X       |          |                |             |            |               |
|                 | 4                | E    | X       |          | X              |             |            |               |
|                 | 5                | E    | X       |          |                | X           |            |               |
|                 | 6 <sub>1</sub>   | E    | X       |          |                |             |            |               |
|                 | 6 <sub>2</sub>   | C    |         |          |                |             |            | X             |
|                 | 7                | C    | X       |          |                |             |            |               |
|                 | 8                | C    | X       | X        |                |             |            |               |
|                 | 9                | C    | X       | X        |                |             |            |               |
|                 | 10               | C    | X       |          |                |             |            |               |
|                 | 11a              | E    | X       |          |                |             |            |               |
|                 | 11b <sub>1</sub> | C    | X       | X        |                |             |            |               |
|                 | 11b <sub>2</sub> | A    | X       | X        |                |             |            |               |
|                 | 12               | C    |         | X        |                |             |            |               |
|                 | 13               | C    | X       |          | X              | X           |            | X             |
| 14              | A                | X    |         |          |                |             |            |               |
| 15              | A                | X    |         | X        |                |             |            |               |
| 16              | A                |      |         | X        |                |             |            |               |
| C               | 17 <sub>1</sub>  | E    |         | X        |                |             |            |               |
|                 | 17 <sub>2</sub>  | E    |         |          | X              |             |            |               |
|                 | 17 <sub>3</sub>  | E    | X       | X        |                |             |            |               |
|                 | 17 <sub>4</sub>  | C    | X       |          |                |             |            |               |
|                 | 17 <sub>5</sub>  | A    |         |          | X              |             |            |               |
|                 | 17 <sub>6</sub>  | A    |         | X        |                |             |            |               |
|                 | 17 <sub>7</sub>  | E    |         |          |                |             | X          | X             |
|                 | 17 <sub>8</sub>  | C    |         |          |                |             | X          |               |
|                 | 17 <sub>9</sub>  | C    |         |          |                |             |            | X             |
|                 | 17 <sub>10</sub> | A    |         |          |                |             | X          |               |
|                 | 17 <sub>11</sub> | A    |         |          |                |             |            | X             |
|                 | 18a              | E    |         | X        |                |             |            |               |
|                 | 18b <sub>1</sub> | E    | X       | X        |                |             |            |               |
|                 | 18b <sub>2</sub> | C    |         | X        |                |             |            |               |
|                 | 19 <sub>1</sub>  | E    |         |          |                |             | X          |               |
|                 | 19 <sub>2</sub>  | C    | X       |          |                |             | X          |               |
| 20 <sub>1</sub> | C                |      |         | X        |                |             |            |               |
| 20 <sub>2</sub> | A                |      |         |          |                | X           | X          |               |

| Del-<br>prov     | Uppg.<br>Poäng   | Nivå | Begrepp | Procedur | Problemlösning | Modellering | Resonemang | Kommunikation |
|------------------|------------------|------|---------|----------|----------------|-------------|------------|---------------|
| D                | 21 <sub>1</sub>  | E    |         |          | X              |             |            |               |
|                  | 21 <sub>2</sub>  | E    |         | X        |                |             |            | X             |
|                  | 22 <sub>1</sub>  | E    | X       | X        |                |             |            |               |
|                  | 22 <sub>2</sub>  | C    | X       |          |                |             | X          | X             |
|                  | 23a              | E    |         |          | X              | X           |            |               |
|                  | 23b <sub>1</sub> | C    |         |          | X              | X           |            |               |
|                  | 23b <sub>2</sub> | C    |         | X        |                |             |            | X             |
|                  | 24 <sub>1</sub>  | E    |         |          | X              |             |            |               |
|                  | 24 <sub>2</sub>  | C    |         |          | X              |             |            |               |
|                  | 24 <sub>3</sub>  | C    |         | X        |                |             |            |               |
|                  | 25 <sub>1</sub>  | E    | X       |          |                |             |            |               |
|                  | 25 <sub>2</sub>  | C    |         | X        |                | X           |            |               |
|                  | 25 <sub>3</sub>  | C    |         |          |                |             | X          | X             |
|                  | 26 <sub>1</sub>  | C    | X       |          |                |             |            |               |
|                  | 26 <sub>2</sub>  | C    |         | X        |                |             |            |               |
|                  | 27a              | E    |         |          | X              |             |            |               |
|                  | 27b <sub>1</sub> | E    |         |          |                | X           |            |               |
|                  | 27b <sub>2</sub> | E    |         | X        |                |             |            |               |
|                  | 27c <sub>1</sub> | C    |         |          |                | X           |            | X             |
|                  | 27c <sub>2</sub> | A    |         |          | X              | X           |            |               |
|                  | 27c <sub>3</sub> | A    |         | X        |                |             |            | X             |
|                  | 28a              | E    | X       |          |                |             |            |               |
|                  | 28b <sub>1</sub> | C    |         |          |                |             | X          | X             |
|                  | 28b <sub>2</sub> | A    |         |          |                |             | X          |               |
|                  | 29a <sub>1</sub> | C    |         |          | X              | X           |            |               |
|                  | 29a <sub>2</sub> | A    | X       |          |                | X           |            | X             |
|                  | 29b <sub>1</sub> | C    |         |          |                | X           |            |               |
|                  | 29c <sub>2</sub> | A    | X       |          |                | X           |            | X             |
|                  | 30a              | C    | X       | X        |                |             |            |               |
|                  | 30b <sub>1</sub> | C    | X       | X        |                |             |            |               |
|                  | 30b <sub>2</sub> | A    |         |          | X              |             |            |               |
| 30b <sub>3</sub> | A                |      | X       |          |                |             |            |               |
| 31a <sub>1</sub> | C                |      |         | X        |                |             |            |               |
| 31a <sub>2</sub> | A                |      | X       |          |                |             |            |               |
| 31b <sub>1</sub> | A                |      |         | X        | X              |             |            |               |
| 31b <sub>2</sub> | A                |      | X       |          | X              |             |            |               |

