

**Math for Beginners (MA)**  
**Math 101 (WS 2022/23): Solution**

(2)

1. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

2. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

3. The solution is the following:

- (a) I am thinking of a number between 1 and 10. What is that number? - 1954 **1 P.**
- (b)  $26 + 57166 = 57192$  **2 P.**
- (c)  $26 \cdot 65326 = 1698476$  **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  5 P.**

**Total Points: 27 P.**



**Math for Beginners (MA)**  
**Math 101 (WS 2022/23): Solution**

(2)

1. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** ..... **Σ: 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.** **Σ: 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** ..... **Σ: 5 P.**
- 
- Σ 11 P.**

2. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** ..... **Σ: 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.** **Σ: 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** ..... **Σ: 5 P.**
- 
- Σ 11 P.**

3. The solution is the following:

- (a) I am thinking of a number between 1 and 10. What is that number? - 1398 **1 P.**
- (b)  $22 + 59066 = 59088$  **2 P.**
- (c)  $22 \cdot 56118 = 1234596$  **2 P.** ..... **Σ: 5 P.**
- 
- Σ 5 P.**

**Total Points: 27 P.**



**Math for Beginners (MA)**  
**Math 101 (WS 2022/23): Solution**

(2)

1. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

2. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

3. The solution is the following:

- (a) I am thinking of a number between 1 and 10. What is that number? - 1097 **1 P.**
- (b)  $23 + 63893 = 63916$  **2 P.**
- (c)  $23 \cdot 64612 = 1486076$  **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  5 P.**

**Total Points: 27 P.**



**Math for Beginners (MA)**  
**Math 101 (WS 2022/23): Solution**

(2)

1. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

2. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

3. The solution is the following:

- (a) I am thinking of a number between 1 and 10. What is that number? - 1789 **1 P.**
- (b)  $30 + 62437 = 62467$  **2 P.**
- (c)  $30 \cdot 66330 = 1989900$  **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  5 P.**

**Total Points: 27 P.**





**Math for Beginners (MA)**  
**Math 101 (WS 2022/23): Solution**

(2)

1. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

2. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

3. The solution is the following:

- (a) I am thinking of a number between 1 and 10. What is that number? - 1886 **1 P.**
- (b)  $28 + 63633 = 63661$  **2 P.**
- (c)  $28 \cdot 66290 = 1856120$  **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  5 P.**

**Total Points: 27 P.**



**Math for Beginners (MA)**  
**Math 101 (WS 2022/23): Solution**

(2)

1. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** ..... **Σ: 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.** **Σ: 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** ..... **Σ: 5 P.**
- 
- Σ 11 P.**

2. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** ..... **Σ: 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.** **Σ: 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** ..... **Σ: 5 P.**
- 
- Σ 11 P.**

3. The solution is the following:

- (a) I am thinking of a number between 1 and 10. What is that number? - 1138 **1 P.**
- (b)  $20 + 59186 = 59206$  **2 P.**
- (c)  $20 \cdot 60625 = 1212500$  **2 P.** ..... **Σ: 5 P.**
- 
- Σ 5 P.**

**Total Points: 27 P.**



**Math for Beginners (MA)**  
**Math 101 (WS 2022/23): Solution**

(2)

1. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

2. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

3. The solution is the following:

- (a) I am thinking of a number between 1 and 10. What is that number? - 1382 **1 P.**
- (b)  $22 + 64732 = 64754$  **2 P.**
- (c)  $22 \cdot 58910 = 1296020$  **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  5 P.**

**Total Points: 27 P.**



**Math for Beginners (MA)**  
**Math 101 (WS 2022/23): Solution**

(2)

1. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

2. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

3. The solution is the following:

- (a) I am thinking of a number between 1 and 10. What is that number? - 1191 **1 P.**
- (b)  $29 + 66323 = 66352$  **2 P.**
- (c)  $29 \cdot 60965 = 1767985$  **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  5 P.**

**Total Points: 27 P.**





**Math for Beginners (MA)**  
**Math 101 (WS 2022/23): Solution**

(2)

1. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

2. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

3. The solution is the following:

- (a) I am thinking of a number between 1 and 10. What is that number? - 1308 **1 P.**
- (b)  $26 + 63170 = 63196$  **2 P.**
- (c)  $26 \cdot 64006 = 1664156$  **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  5 P.**

**Total Points: 27 P.**



**Math for Beginners (MA)**  
**Math 101 (WS 2022/23): Solution**

(2)

1. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

2. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

3. The solution is the following:

- (a) I am thinking of a number between 1 and 10. What is that number? - 1084 **1 P.**
- (b)  $29 + 61494 = 61523$  **2 P.**
- (c)  $29 \cdot 57109 = 1656161$  **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  5 P.**

**Total Points: 27 P.**



**Math for Beginners (MA)**  
**Math 101 (WS 2022/23): Solution**

(2)

1. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

2. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

3. The solution is the following:

- (a) I am thinking of a number between 1 and 10. What is that number? - 1262 **1 P.**
- (b)  $20 + 56696 = 56716$  **2 P.**
- (c)  $20 \cdot 65336 = 1306720$  **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  5 P.**

**Total Points: 27 P.**



**Math for Beginners (MA)**  
**Math 101 (WS 2022/23): Solution**

(2)

1. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** ..... **Σ: 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.** **Σ: 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** ..... **Σ: 5 P.**
- 
- Σ 11 P.**

2. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** ..... **Σ: 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.** **Σ: 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** ..... **Σ: 5 P.**
- 
- Σ 11 P.**

3. The solution is the following:

- (a) I am thinking of a number between 1 and 10. What is that number? - 1186 **1 P.**
- (b)  $22 + 64228 = 64250$  **2 P.**
- (c)  $22 \cdot 63509 = 1397198$  **2 P.** ..... **Σ: 5 P.**
- 
- Σ 5 P.**

**Total Points: 27 P.**





**Math for Beginners (MA)**  
**Math 101 (WS 2022/23): Solution**

(2)

1. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

2. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

3. The solution is the following:

- (a) I am thinking of a number between 1 and 10. What is that number? - 1820 **1 P.**
- (b)  $25 + 62505 = 62530$  **2 P.**
- (c)  $25 \cdot 63108 = 1577700$  **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  5 P.**

**Total Points: 27 P.**



**Math for Beginners (MA)**  
**Math 101 (WS 2022/23): Solution**

(2)

1. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

2. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

3. The solution is the following:

- (a) I am thinking of a number between 1 and 10. What is that number? - 1362 **1 P.**
- (b)  $21 + 65068 = 65089$  **2 P.**
- (c)  $21 \cdot 63621 = 1336041$  **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  5 P.**

**Total Points: 27 P.**



**Math for Beginners (MA)**  
**Math 101 (WS 2022/23): Solution**

(2)

1. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

2. The solution is the following:

- (a) Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua **1 P.** . At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 3 P.**
- (b) Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr **1 P.** , sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. **2 P.**  **$\Sigma$ : 3 P.**
- (c) At vero eos et accusam et justo duo dolores et ea rebum **3 P.** . Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  11 P.**

3. The solution is the following:

- (a) I am thinking of a number between 1 and 10. What is that number? - 1797 **1 P.**
- (b)  $25 + 64382 = 64407$  **2 P.**
- (c)  $25 \cdot 58361 = 1459025$  **2 P.** .....  **$\Sigma$ : 5 P.**
- 
- $\Sigma$  5 P.**

**Total Points: 27 P.**

