Type: FMB

Points: 4

1. Alan is "Zooming" with his friend Mariah. Mariah tells Alan that she can read his mind and she will prove it. She asks Alan to pick a number between 1 and 20 and instructs him not to tell her the number. Alan picks 20. Mariah then asks Alan to double the number he picked.

a) What is double of the number Alan picked?

Answer: [40]

b) Mariah then asks Alan to add 16 to the number he just calculated. What is the value of 16 plus the result in a)?

Answer: [56]

c) Next, Mariah asks Alan to divide the number he just calculated by 2. What is the value of the result from part b divided by 2?

Answer: [28]

d) Finally, Mariah told him she can now prove that she can read his mind. Mariah told Alan to subtract the number he had picked originally from the resulting quotient (the answer from part c). She told him she knows his answer will be 8. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

2. Ally is "at a party" with her friend Arya. Arya tells Ally that she can read her mind and she will prove it. She asks Ally to pick a number between 1 and 20 and instructs her not to tell her the number. Ally picks 12. Arya then asks Ally to double the number she picked.

a) What is double of the number Ally picked?

Answer: [24]

b) Arya then asks Ally to add 18 to the number she just calculated. What is the value of 18 plus the result in a)?

Answer: [42]

c) Next, Arya asks Ally to divide the number he just calculated by 2. What is the value of the result from part b divided by 2?

Answer: [21]

d) Finally, Arya told her she can now prove that she can read her mind. Arya told Ally to subtract the number she had picked originally from the resulting quotient (the answer from part c). She told her she knows her answer will be 9. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

3. Damon is "at the coffee shop" with his friend Maggie. Maggie tells Damon that she can read his mind and she will prove it. She asks Damon to pick a number between 1 and 20 and instructs him not to tell her the number. Damon picks 4. Maggie then asks Damon to triple the number he picked.

a) What is triple of the number Damon picked?

Answer: [12]

b) Maggie then asks Damon to add 21 to the number he just calculated. What is the value of 21 plus the result in a)?

Answer: [33]

c) Next, Maggie asks Damon to divide the number he just calculated by 3. What is the value of the result from part b divided by 3?

Answer: [11]

d) Finally, Maggie told him she can now prove that she can read his mind. Maggie told Damon to subtract the number he had picked originally from the resulting quotient (the answer from part c). She told him she knows his answer will be 7. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

4. Raphael is "on a hike" with his friend Nathan. Nathan tells Raphael that she can read his mind and she will prove it. She asks Raphael to pick a number between 1 and 20 and instructs him not to tell her the number. Raphael picks 1. Nathan then asks Raphael to double the number he picked.

a) What is double of the number Raphael picked?

Answer: [2]

b) Nathan then asks Raphael to add 12 to the number he just calculated. What is the value of 12 plus the result in a)?

Answer: [14]

c) Next, Nathan asks Raphael to divide the number he just calculated by 2. What is the value of the result from part b divided by 2?

Answer: [7]

d) Finally, Nathan told him she can now prove that she can read his mind. Nathan told Raphael to subtract the number he had picked originally from the resulting quotient (the answer from part c). She told him she knows his answer will be 6. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

5. Linden is "at the cabin" with her friend Andre. Andre tells Linden that she can read her mind and she will prove it. She asks Linden to pick a number between 1 and 20 and instructs her not to tell her the number. Linden picks 7. Andre then asks Linden to double the number she picked.

a) What is double of the number Linden picked?

Answer: [14]

b) Andre then asks Linden to add 14 to the number she just calculated. What is the value of 14 plus the result in a)?

Answer: [28]

c) Next, Andre asks Linden to divide the number he just calculated by 2. What is the value of the result from part b divided by 2?

Answer: [14]

d) Finally, Andre told her she can now prove that she can read her mind. Andre told Linden to subtract the number she had picked originally from the resulting quotient (the answer from part c). She told her she knows her answer will be 7. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

6. Melody is "on a walk" with her friend Emma. Emma tells Melody that she can read her mind and she will prove it. She asks Melody to pick a number between 1 and 20 and instructs her not to tell her the number. Melody picks 16. Emma then asks Melody to triple the number she picked.

a) What is triple of the number Melody picked?

Answer: [48]

b) Emma then asks Melody to add 9 to the number she just calculated. What is the value of 9 plus the result in a)?

Answer: [57]

c) Next, Emma asks Melody to divide the number he just calculated by 3. What is the value of the result from part b divided by 3?

Answer: [19]

d) Finally, Emma told her she can now prove that she can read her mind. Emma told Melody to subtract the number she had picked originally from the resulting quotient (the answer from part c). She told her she knows her answer will be 3. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

7. Emelia is "at the mall" with her friend Tesla. Tesla tells Emelia that she can read her mind and she will prove it. She asks Emelia to pick a number between 1 and 20 and instructs her not to tell her the number. Emelia picks 19. Tesla then asks Emelia to double the number she picked.

a) What is double of the number Emelia picked?

Answer: [38]

b) Tesla then asks Emelia to add 10 to the number she just calculated. What is the value of 10 plus the result in a)?

Answer: [48]

c) Next, Tesla asks Emelia to divide the number he just calculated by 2. What is the value of the result from part b divided by 2?

Answer: [24]

d) Finally, Tesla told her she can now prove that she can read her mind. Tesla told Emelia to subtract the number she had picked originally from the resulting quotient (the answer from part c). She told her she knows her answer will be 5. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

8. Mitchell is "on a drive" with his friend Alena. Alena tells Mitchell that she can read his mind and she will prove it. She asks Mitchell to pick a number between 1 and 20 and instructs him not to tell her the number. Mitchell picks 11. Alena then asks Mitchell to double the number he picked.

a) What is double of the number Mitchell picked?

Answer: [22]

b) Alena then asks Mitchell to add 10 to the number he just calculated. What is the value of 10 plus the result in a)?

Answer: [32]

c) Next, Alena asks Mitchell to divide the number he just calculated by 2. What is the value of the result from part b divided by 2?

Answer: [16]

d) Finally, Alena told him she can now prove that she can read his mind. Alena told Mitchell to subtract the number he had picked originally from the resulting quotient (the answer from part c). She told him she knows his answer will be 5. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

9. Edward is "paddling" with his friend Joanna. Joanna tells Edward that she can read his mind and she will prove it. She asks Edward to pick a number between 1 and 20 and instructs him not to tell her the number. Edward picks 12. Joanna then asks Edward to triple the number he picked.

a) What is triple of the number Edward picked?

Answer: [36]

b) Joanna then asks Edward to add 27 to the number he just calculated. What is the value of 27 plus the result in a)?

Answer: [63]

c) Next, Joanna asks Edward to divide the number he just calculated by 3. What is the value of the result from part b divided by 3?

Answer: [21]

d) Finally, Joanna told him she can now prove that she can read his mind. Joanna told Edward to subtract the number he had picked originally from the resulting quotient (the answer from part c). She told him she knows his answer will be 9. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

10. Julian is "skiing" with his friend Nash. Nash tells Julian that she can read his mind and she will prove it. She asks Julian to pick a number between 1 and 20 and instructs him not to tell her the number. Julian picks 9. Nash then asks Julian to quadruple the number he picked.

a) What is quadruple of the number Julian picked?

Answer: [36]

b) Nash then asks Julian to add 28 to the number he just calculated. What is the value of 28 plus the result in a)?

Answer: [64]

c) Next, Nash asks Julian to divide the number he just calculated by 4. What is the value of the result from part b divided by 4?

Answer: [16]

d) Finally, Nash told him she can now prove that she can read his mind. Nash told Julian to subtract the number he had picked originally from the resulting quotient (the answer from part c). She told him she knows his answer will be 7. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

11. Molly is "heli-skiing" with her friend Sahana. Sahana tells Molly that she can read her mind and she will prove it. She asks Molly to pick a number between 1 and 20 and instructs her not to tell her the number. Molly picks 16. Sahana then asks Molly to double the number she picked.

a) What is double of the number Molly picked?

Answer: [32]

b) Sahana then asks Molly to add 10 to the number she just calculated. What is the value of 10 plus the result in a)?

Answer: [42]

c) Next, Sahana asks Molly to divide the number he just calculated by 2. What is the value of the result from part b divided by 2?

Answer: [21]

d) Finally, Sahana told her she can now prove that she can read her mind. Sahana told Molly to subtract the number she had picked originally from the resulting quotient (the answer from part c). She told her she knows her answer will be 5. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

12. Caleb is "skydiving" with his friend Benson. Benson tells Caleb that she can read his mind and she will prove it. She asks Caleb to pick a number between 1 and 20 and instructs him not to tell her the number. Caleb picks 2. Benson then asks Caleb to triple the number he picked.

a) What is triple of the number Caleb picked?

Answer: [6]

b) Benson then asks Caleb to add 6 to the number he just calculated. What is the value of 6 plus the result in a)?

Answer: [12]

c) Next, Benson asks Caleb to divide the number he just calculated by 3. What is the value of the result from part b divided by 3?

Answer: [4]

d) Finally, Benson told him she can now prove that she can read his mind. Benson told Caleb to subtract the number he had picked originally from the resulting quotient (the answer from part c). She told him she knows his answer will be 2. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

13. Phoenix is "walking" with her friend Jiya. Jiya tells Phoenix that she can read her mind and she will prove it. She asks Phoenix to pick a number between 1 and 20 and instructs her not to tell her the number. Phoenix picks 19. Jiya then asks Phoenix to triple the number she picked.

a) What is triple of the number Phoenix picked?

Answer: [57]

b) Jiya then asks Phoenix to add 18 to the number she just calculated. What is the value of 18 plus the result in a)?

Answer: [75]

c) Next, Jiya asks Phoenix to divide the number he just calculated by 3. What is the value of the result from part b divided by 3?

Answer: [25]

d) Finally, Jiya told her she can now prove that she can read her mind. Jiya told Phoenix to subtract the number she had picked originally from the resulting quotient (the answer from part c). She told her she knows her answer will be 6. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

14. Angad is "rock climbing" with his friend Jemma. Jemma tells Angad that she can read his mind and she will prove it. She asks Angad to pick a number between 1 and 20 and instructs him not to tell her the number. Angad picks 12. Jemma then asks Angad to double the number he picked.

a) What is double of the number Angad picked?

Answer: [24]

b) Jemma then asks Angad to add 4 to the number he just calculated. What is the value of 4 plus the result in a)?

Answer: [28]

c) Next, Jemma asks Angad to divide the number he just calculated by 2. What is the value of the result from part b divided by 2?

Answer: [14]

d) Finally, Jemma told him she can now prove that she can read his mind. Jemma told Angad to subtract the number he had picked originally from the resulting quotient (the answer from part c). She told him she knows his answer will be 2. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

15. Olivia is "swimming" with her friend Grayson. Grayson tells Olivia that she can read her mind and she will prove it. She asks Olivia to pick a number between 1 and 20 and instructs her not to tell her the number. Olivia picks 11. Grayson then asks Olivia to triple the number she picked.

a) What is triple of the number Olivia picked?

Answer: [33]

b) Grayson then asks Olivia to add 6 to the number she just calculated. What is the value of 6 plus the result in a)?

Answer: [39]

c) Next, Grayson asks Olivia to divide the number he just calculated by 3. What is the value of the result from part b divided by 3?

Answer: [13]

d) Finally, Grayson told her she can now prove that she can read her mind. Grayson told Olivia to subtract the number she had picked originally from the resulting quotient (the answer from part c). She told her she knows her answer will be 2. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

16. Evan is "talking" with his friend Cody. Cody tells Evan that she can read his mind and she will prove it. She asks Evan to pick a number between 1 and 20 and instructs him not to tell her the number. Evan picks 20. Cody then asks Evan to double the number he picked.

a) What is double of the number Evan picked?

Answer: [40]

b) Cody then asks Evan to add 16 to the number he just calculated. What is the value of 16 plus the result in a)?

Answer: [56]

c) Next, Cody asks Evan to divide the number he just calculated by 2. What is the value of the result from part b divided by 2?

Answer: [28]

d) Finally, Cody told him she can now prove that she can read his mind. Cody told Evan to subtract the number he had picked originally from the resulting quotient (the answer from part c). She told him she knows his answer will be 8. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

17. Evelyn is "working" with her friend Darien. Darien tells Evelyn that she can read her mind and she will prove it. She asks Evelyn to pick a number between 1 and 20 and instructs her not to tell her the number. Evelyn picks 2. Darien then asks Evelyn to triple the number she picked.

a) What is triple of the number Evelyn picked?

Answer: [6]

b) Darien then asks Evelyn to add 18 to the number she just calculated. What is the value of 18 plus the result in a)?

Answer: [24]

c) Next, Darien asks Evelyn to divide the number he just calculated by 3. What is the value of the result from part b divided by 3?

Answer: [8]

d) Finally, Darien told her she can now prove that she can read her mind. Darien told Evelyn to subtract the number she had picked originally from the resulting quotient (the answer from part c). She told her she knows her answer will be 6. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

18. Liam is "studying" with his friend Riley. Riley tells Liam that she can read his mind and she will prove it. She asks Liam to pick a number between 1 and 20 and instructs him not to tell her the number. Liam picks 4. Riley then asks Liam to double the number he picked.

a) What is double of the number Liam picked?

Answer: [8]

b) Riley then asks Liam to add 6 to the number he just calculated. What is the value of 6 plus the result in a)?

Answer: [14]

c) Next, Riley asks Liam to divide the number he just calculated by 2. What is the value of the result from part b divided by 2?

Answer: [7]

d) Finally, Riley told him she can now prove that she can read his mind. Riley told Liam to subtract the number he had picked originally from the resulting quotient (the answer from part c). She told him she knows his answer will be 3. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

19. Declan is "traveling" with his friend Alisa. Alisa tells Declan that she can read his mind and she will prove it. She asks Declan to pick a number between 1 and 20 and instructs him not to tell her the number. Declan picks 16. Alisa then asks Declan to triple the number he picked.

a) What is triple of the number Declan picked?

Answer: [48]

b) Alisa then asks Declan to add 27 to the number he just calculated. What is the value of 27 plus the result in a)?

Answer: [75]

c) Next, Alisa asks Declan to divide the number he just calculated by 3. What is the value of the result from part b divided by 3?

Answer: [25]

d) Finally, Alisa told him she can now prove that she can read his mind. Alisa told Declan to subtract the number he had picked originally from the resulting quotient (the answer from part c). She told him she knows his answer will be 9. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

20. Dayton is "at band practice" with his friend Evelyn. Evelyn tells Dayton that she can read his mind and she will prove it. She asks Dayton to pick a number between 1 and 20 and instructs him not to tell her the number. Dayton picks 5. Evelyn then asks Dayton to quadruple the number he picked.

a) What is quadruple of the number Dayton picked?

Answer: [20]

b) Evelyn then asks Dayton to add 28 to the number he just calculated. What is the value of 28 plus the result in a)?

Answer: [48]

c) Next, Evelyn asks Dayton to divide the number he just calculated by 4. What is the value of the result from part b divided by 4?

Answer: [12]

d) Finally, Evelyn told him she can now prove that she can read his mind. Evelyn told Dayton to subtract the number he had picked originally from the resulting quotient (the answer from part c). She told him she knows his answer will be 7. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

21. Odin is "rollerskating" with his friend Ethan. Ethan tells Odin that she can read his mind and she will prove it. She asks Odin to pick a number between 1 and 20 and instructs him not to tell her the number. Odin picks 13. Ethan then asks Odin to quadruple the number he picked.

a) What is quadruple of the number Odin picked?

Answer: [52]

b) Ethan then asks Odin to add 8 to the number he just calculated. What is the value of 8 plus the result in a)?

Answer: [60]

c) Next, Ethan asks Odin to divide the number he just calculated by 4. What is the value of the result from part b divided by 4?

Answer: [15]

d) Finally, Ethan told him she can now prove that she can read his mind. Ethan told Odin to subtract the number he had picked originally from the resulting quotient (the answer from part c). She told him she knows his answer will be 2. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

22. Gavin is "working out" with his friend Eli. Eli tells Gavin that she can read his mind and she will prove it. She asks Gavin to pick a number between 1 and 20 and instructs him not to tell her the number. Gavin picks 4. Eli then asks Gavin to quadruple the number he picked.

a) What is quadruple of the number Gavin picked?

Answer: [16]

b) Eli then asks Gavin to add 32 to the number he just calculated. What is the value of 32 plus the result in a)?

Answer: [48]

c) Next, Eli asks Gavin to divide the number he just calculated by 4. What is the value of the result from part b divided by 4?

Answer: [12]

d) Finally, Eli told him she can now prove that she can read his mind. Eli told Gavin to subtract the number he had picked originally from the resulting quotient (the answer from part c). She told him she knows his answer will be 8. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

23. Ainsley is "having dinner" with her friend Theodore. Theodore tells Ainsley that she can read her mind and she will prove it. She asks Ainsley to pick a number between 1 and 20 and instructs her not to tell her the number. Ainsley picks 11. Theodore then asks Ainsley to triple the number she picked.

a) What is triple of the number Ainsley picked?

Answer: [33]

b) Theodore then asks Ainsley to add 15 to the number she just calculated. What is the value of 15 plus the result in a)?

Answer: [48]

c) Next, Theodore asks Ainsley to divide the number he just calculated by 3. What is the value of the result from part b divided by 3?

Answer: [16]

d) Finally, Theodore told her she can now prove that she can read her mind. Theodore told Ainsley to subtract the number she had picked originally from the resulting quotient (the answer from part c). She told her she knows her answer will be 5. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

24. Isabella is "having dinner" with her friend Hussain. Hussain tells Isabella that she can read her mind and she will prove it. She asks Isabella to pick a number between 1 and 20 and instructs her not to tell her the number. Isabella picks 18. Hussain then asks Isabella to triple the number she picked.

a) What is triple of the number Isabella picked?

Answer: [54]

b) Hussain then asks Isabella to add 27 to the number she just calculated. What is the value of 27 plus the result in a)?

Answer: [81]

c) Next, Hussain asks Isabella to divide the number he just calculated by 3. What is the value of the result from part b divided by 3?

Answer: [27]

d) Finally, Hussain told her she can now prove that she can read her mind. Hussain told Isabella to subtract the number she had picked originally from the resulting quotient (the answer from part c). She told her she knows her answer will be 9. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]

Type: FMB

Points: 4

25. Kelsey is "having drinks" with her friend Iris. Iris tells Kelsey that she can read her mind and she will prove it. She asks Kelsey to pick a number between 1 and 20 and instructs her not to tell her the number. Kelsey picks 4. Iris then asks Kelsey to double the number she picked.

a) What is double of the number Kelsey picked?

Answer: [8]

b) Iris then asks Kelsey to add 18 to the number she just calculated. What is the value of 18 plus the result in a)?

Answer: [26]

c) Next, Iris asks Kelsey to divide the number he just calculated by 2. What is the value of the result from part b divided by 2?

Answer: [13]

d) Finally, Iris told her she can now prove that she can read her mind. Iris told Kelsey to subtract the number she had picked originally from the resulting quotient (the answer from part c). She told her she knows her answer will be 9. Is this true or false? (Answer T or F)

Answer: [T, t, true, True, TRUE]