

## Year 4 Term 1 — Week 7 Answers

### Page1

1. **Conclusion:** He can learn twice as much from videos as he does now, but still spends the same amount of time  
**Underlying assumption:** He can understand and absorb information from the videos at 2x speed
2. **Conclusion:** Brain freezes are headache sensations that occur with too much cold food is suddenly eaten  
**Underlying assumption:** Jordan always eats his ice creams too quickly
3. **Conclusion:** He believes the mousetrap will catch the rat  
**Underlying assumption:** The mouse will try to grab the cheese from the mousetrap and get captured

### Page2

1. B, it addresses how CAPTCHA'S challenges can stop bots from guessing people's passwords
2. C, explains the link between Jericho's mood and the gelato flavour she picked
3. C, explains how Joseph's jog and his ability to finish his homework are related

### Page3

1. C
2. D
3. A

### Page4

4. A
5. D
6. A

### Page5

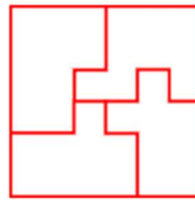
1. Jack, Jack, Jack, Gack, Gack, Gack, Gack, Nack, Nack, Flack, Flack
2. 8
3. 11
4. 12
5. 7
6. 9

### Page6

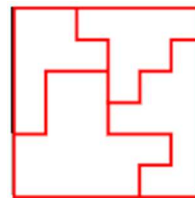
7. 34
8. 35
9. 36
10. 6
11. \$103.50

### Page7

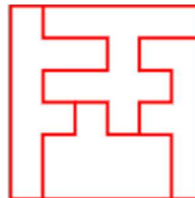
#### Tangram #1



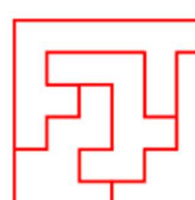
#### Tangram #2



#### Tangram #3

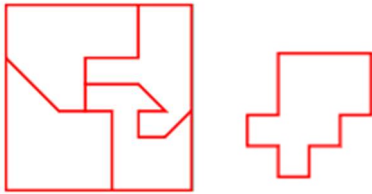


#### Tangram #4

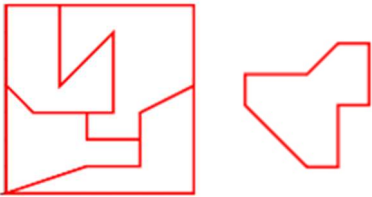


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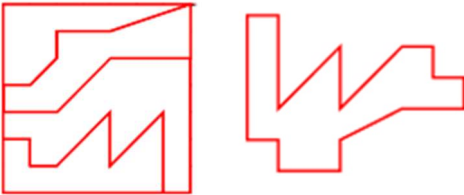
Tangram #5



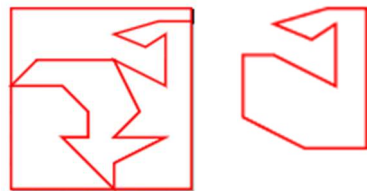
Tangram #6



Tangram #7



Tangram #8



**Page10**

1. D
2. B

**Page11**

3. D
4. C

**Page12**

1. 24 000 mL
2. 65 kg
3. 66 500 g

**Page13**

Set 1 - Basic

1. 5
2. 5
3. 30
4. 35
5. 15
6. 36
7. 63
8. 1
9. 49
10. 18

Set 2 – Advanced

1. 8.8
2. 33.6
3. 84
4. 220
5. 8.2
6. 25
7. 10
8. 75
9. 594
10. 300

**Page14**

Set 3

1. 50%
2. 75%
3. 60%
4. 70%
5. 75%
6. 60%
7. 45%
8. 40%

Set 4

1. 200% of 6
2. 90% of 40
3. 12.5% of 240
4. 32% of 200

**Page15**

Level One

1. 600 mL
2. 180 g
3. \$20

Level Two

1. 20%

**Page16**

1. 40 mL
2. 10 min
3. 3.5 m
4. Joseph
5. 1000 m
6. \$42.50

**Page17**

1. \$33.50
2. \$34
3. \$64
4. \$7.50

**Page18**

Yr4 – T1 – Week 7 – Exercise

- |   |                 |
|---|-----------------|
| 1. 22,549   | 20. 273,000     |
| 2. 146 m  | 21. 1:15 am     |
| 3. \$12.50  | 22. 0.1         |
| 4. 7703.73cm <sup>3</sup>   | 23. 8           |
| 5. 8.6  | 24. XLV         |
| 6. 5,277 m  | 25. 64,822m     |
| 7. 114  | 26. 26,155      |
| 8. 9 hundreds/900   | 27. 30.25 ha    |
| 9. 100  | 28. 8 units/8   |
| 10. yes   | 29. 3           |
| 11.   |                 |
| <div style="border: 1px solid red; width: 100px; height: 20px; display: inline-block;"></div> | 30. \$2,700     |
| 12. 268.6 cm  | 31. 18          |
| 13. 9000  | 32. \$650,000   |
| 14. 63462.5   | 33. 48, 120     |
| 15. 125   | 34. 4           |
| 16. 8000 cm <sup>3</sup>  | 35. \$2,962.50  |
| 17. 1584  | 36. 12,345      |
| 18. North-West  | 37. 240         |
| 19. 6.25, 7.50, 8.75  | 38. 21,685.5 km |

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- |                  |                 |
|------------------|-----------------|
| 1. 110, 222, 446 | 6. G, H, O      |
| 2. 52, 68, 86    | 7. P, S, V      |
| 3. 13, 17, 19    | 8. N, K, I      |
| 4. 1, 120, 5040  | 9. Y, T, P      |
| 5. 9, 36, 81     | 10. G, G, P     |
| Challenge:       | 11. 21, 61, 336 |

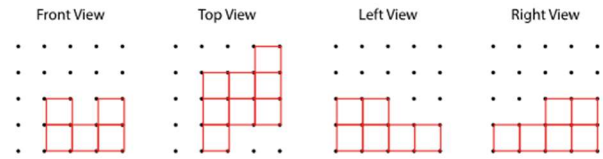
**Page20**

- |        |         |
|--------|---------|
| 1. YES | 7. YES  |
| 2. YES | 8. NO   |
| 3. NO  | 9. NO   |
| 4. YES | 10. NO  |
| 5. YES | 11. YES |
| 6. NO  | 12. YES |

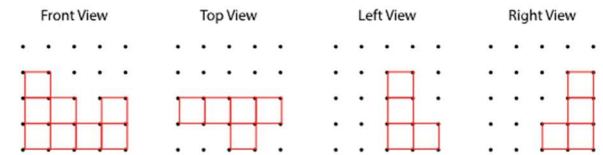
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Exercises

**Shape 1**



**Shape 2**



**Challenge question 1**

20g, 30g, 80g, 40g

**Challenge question 2**

80 days

**Page23**

1. F
2. B
3. G
4. C
5. A

**Page24**

7. John F. Kennedy
8. His lack of fear
9. FALSE, FALSE, TRUE
10. Because she doesn't think their children should be exposed to sensitive topics

**Page26**

1. A
2. D
3. C
4. B
5. C
6. A
7. D
8. D

**Page28**

- |       |       |
|-------|-------|
| 9. C  | 14. B |
| 10. A | 15. B |
| 11. D | 16. A |
| 12. A |       |
| 13. D |       |

**Page30**

- |       |       |
|-------|-------|
| 17. B | 22. B |
| 18. A | 23. A |
| 19. C | 24. D |
| 20. B |       |
| 21. C |       |

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- |                               |  |
|-------------------------------|--|
| 1. committee                  | 12. fiddle   |
| 2. ary                        | 13. Tibet  |
| 3. tomatoes                   | 14. transmit   |
| 4. apparition,<br>spendthrift | 15. Introduce/<br>introduction   |
| 5. champagne                  | 16. croak  |
| 6. haven't                    | 17. enjoy, perilous  |
| 7. per annum                  | 18. that   |
| 8. Italy                      | 19. sung   |
| 9. as a mile                  | 20. She is the most<br>beautiful of all the<br>film stars                    |
| 10. hoof                      | 21. Proceed: to follow<br>through/go forward,<br>precede: to come<br>forward |
| 11. band                      | 22. The ship H.M.A.S<br>Lion is docked at<br>Princess Pier                   |

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- |                 |                 |
|-----------------|-----------------|
| 1. engineers    | 11. upright     |
| 2. Benz         | 12. streamlined |
| 3. inventing    | 13. alloys      |
| 4. automobiles  | 14. aeroplanes  |
| 5. compared     | 15. strong      |
| 6. Britain      | 16. modern      |
| 7. flag         | 17. factories   |
| 8. lamp         | 18. craftsman   |
| 9. front        | 19. produce     |
| 10. pedestrians | 20. Numbers     |

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- |                |                 |
|----------------|-----------------|
| 1. luscious    | 10. vast        |
| 2. fascinating | 11. towering    |
| 3. fragrant    | 12. broad       |
| 4. refined     | 13. shrunken    |
| 5. exquisite   | 14. microscopic |
| 6. trim        | 15. abbreviated |
| 7. massive     | 16. meagre      |
| 8. bulky       | 17. stunted     |
| 9. corpulent   | 18. Trifling    |

**Page34**

1. B, MEAT
2. A, SHEARS
3. B, SPORE
4. A, ONSET
5. A, PLEAT

**Page35**

6. A, STAIN
7. D, HORSE
8. B, SWEAT
9. B, ROSTER
10. D, PELTS
11. C, ELBOW