

Think & Learn  
ANSWERS



# MATHS

MENTAL MATHEMATICS



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Christopher J. Micallef

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Maths Test 1

p. 3

- |                |              |
|----------------|--------------|
| 1. 6 faces     | 2. 843       |
| 3. 100 minutes | 4. 70        |
| 5. 2,400       | 6. 75        |
| 7. 40          | 8. 100       |
| 9. 200         | 10. 94       |
| 11. 13         | 12. 30       |
| 13. 585        | 14. 1,875    |
| 15. 1,000 m    | 16. 6 sweets |
| 17. 4:15       | 18. 4        |
| 19. _____      |              |
| 20. 9 teams    |              |

Maths Test 3

p. 5

- |              |               |
|--------------|---------------|
| 1. 12 months | 2. 80         |
| 3. 1 edge    | 4. 100        |
| 5. 371       | 6. 35         |
| 7. 690       | 8. 53         |
| 9. 295       | 10. 4 m 16 cm |
| 11. 9        | 12. 3,018     |
| 13. 140      | 14. 7         |
| 15. 130      | 16. _____     |
| 17. 9 balls  | 18. 2 tickets |
| 19. 5        | 20. 2:30      |

Maths Test 2

p. 4

- |                  |              |
|------------------|--------------|
| 1. 629           | 2. 400       |
| 3. 2 edges       | 4. 2 hours   |
| 5. 300           | 6. 46        |
| 7. 2,435         | 8. 100 cm    |
| 9. 15            | 10. 8        |
| 11. 50           | 12. 167      |
| 13. 84           | 14. 11       |
| 15. 268          | 16. 2 halves |
| 17. 4 chocolates | 18. 6:20     |
| 19. _____        |              |
| 20. 5 stickers   |              |

Maths Test 4

p. 6

- |                |               |
|----------------|---------------|
| 1. 218         | 2. 140        |
| 3. 90          | 4. 21 days    |
| 5. 1 face      | 6. 150        |
| 7. 15          | 8. 58         |
| 9. 474         | 10. 99        |
| 11. 144        | 12. 1,000 ml  |
| 13. 50         | 14. 72        |
| 15. 4,500      | 16. 4 marbles |
| 17. 40         | 18. 8:05      |
| 19. 4 quarters |               |
| 20. _____      |               |

Maths Test 5

p. 7

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|---------------|---------------|
| 1. 52 weeks   | 2. 60         |
| 3. 8 vertices | 4. 156        |
| 5. 290        | 6. 13         |
| 7. 25         | 8. 774        |
| 9. 160        | 10. 1,000 g   |
| 11. 70        | 12. 5,321     |
| 13. 46        | 14. 647       |
| 15. 70        | 16. 7 pencils |
| 17. 10:40     | 18. _____     |
| 19. 4         | 20. 5         |

Maths Test 7

p. 9

- |                       |               |
|-----------------------|---------------|
| 1. 800                | 2. 60 minutes |
| 3. 494                | 4. 4          |
| 5. 400                | 6. 20         |
| 7. kilometres         | 8. 250        |
| 9. 410                | 10. 48        |
| 11. 18                | 12. 90        |
| 13. 32                | 14. 6         |
| 15. 7,100             | 16. 2:50      |
| 17. 6                 | 18. 7 rulers  |
| 19. $1\frac{1}{2}$ km | 20. 4 packets |

Maths Test 6

p. 8

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|-----------------|----------------|
| 1. 8 sides      | 2. 562         |
| 3. 60 seconds   | 4. 500         |
| 5. 90           | 6. 38          |
| 7. 6,415        | 8. 19          |
| 9. litres       | 10. 12         |
| 11. 364         | 12. 175        |
| 13. 16          | 14. 355        |
| 15. 16          | 16. 6 biros    |
| 17. 1:10        | 18. 2 quarters |
| 19. 1 yr 3 mths | 20. 5 teams    |

Maths Test 8

p. 10

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|---------------|---------------|
| 1. 310        | 2. 14 days    |
| 3. sphere     | 4. 746        |
| 5. 300        | 6. 81         |
| 7. 36         | 8. 17         |
| 9. 2,000 g    | 10. 43        |
| 11. 707       | 12. 8,150     |
| 13. 275       | 14. 29        |
| 15. 458       | 16. 8 rubbers |
| 17. 8 eighths | 18. 8:55      |
| 19. _____     |               |
| 20. 3 packets |               |

Maths Test 9

p. 11

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|----------------|-----------------|
| 1. 20          | 2. cylinder     |
| 3. 24 hours    | 4. 200          |
| 5. 912         | 6. 180          |
| 7. 997         | 8. 80           |
| 9. 2,901       | 10. 12          |
| 11. 21         | 12. 250 g       |
| 13. 37         | 14. 280         |
| 15. 64         | 16. 6           |
| 17. 6 teams    | 18. 4:40        |
| 19. 6 stickers | 20. 2 yrs 1 mth |

Maths Test 11

p. 13

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|-----------------|-----------|
| 1. 100          | 2. 693    |
| 3. 3 faces      | 4. 40     |
| 5. 90 minutes   | 6. 3,050  |
| 7. 612          | 8. 125    |
| 9. 80           | 10. 14    |
| 11. 5,000 g     | 12. 24    |
| 13. 34          | 14. 90    |
| 15. 179         | 16. 7     |
| 17. 8 copybooks | 18. _____ |
| 19. 5:45        | 20. 48    |

Maths Test 10

p. 12

- |               |             |
|---------------|-------------|
| 1. 864        | 2. January  |
| 3. 60         | 4. 510      |
| 5. cube       | 6. 17       |
| 7. 2 m 25 cm  | 8. 68       |
| 9. 367        | 10. 175     |
| 11. 25        | 12. 9       |
| 13. 524       | 14. 1,147   |
| 15. 14        | 16. 2:35    |
| 17. 2 eighths | 18. 6 cards |
| 19. _____     |             |
| 20. 3 tickets |             |

Maths Test 12

p. 14

- |               |                 |
|---------------|-----------------|
| 1. 2 faces    | 2. 300          |
| 3. 365 days   | 4. 321          |
| 5. 180        | 6. 4,336        |
| 7. 31         | 8. 500 g        |
| 9. 100        | 10. 44          |
| 11. 17        | 12. 146         |
| 13. 220       | 14. 147         |
| 15. 480       | 16. 1:05        |
| 17. 8 cakes   | 18. 1 yr 6 mths |
| 19. 4 eighths | 20. 3           |

Maths Test 13

p. 15

- |               |              |
|---------------|--------------|
| 1. 12 hours   | 2. 258       |
| 3. 0 vertices | 4. 400       |
| 5. 100        | 6. 2 weights |
| 7. 376        | 8. 41        |
| 9. 5,410      | 10. 14       |
| 11. 609       | 12. 38       |
| 13. 168       | 14. 80       |
| 15. 60        | 16. 5        |
| 17. 6 pencils | 18. 9:15     |
| 19. _____     |              |
| 20. 6 packets |              |

Maths Test 15

p. 17

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|--------------|----------------|
| 1. 549       | 2. 300         |
| 3. 430       | 4. December    |
| 5. 6 faces   | 6. 275         |
| 7. 500 g     | 8. 214         |
| 9. 17        | 10. 7,210      |
| 11. 164      | 12. 300        |
| 13. 49       | 14. 100        |
| 15. 65       | 16. _____      |
| 17. 7:50     | 18. 5 stickers |
| 19. 6 sixths | 20. 7 packets  |

Maths Test 14

p. 16

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|---------------|----------------|
| 1. 400        | 2. 180 seconds |
| 3. 12 edges   | 4. 136         |
| 5. 900        | 6. 896         |
| 7. 26         | 8. 70          |
| 9. 588        | 10. 500 ml     |
| 11. 250       | 12. 6,350      |
| 13. 85        | 14. 19         |
| 15. 182       | 16. 3          |
| 17. 10 apples | 18. 6:25       |
| 19. 2 km      | 20. 6 groups   |

Maths Test 16

p. 18

- |            |               |
|------------|---------------|
| 1. 120     | 2. 85 minutes |
| 3. 5 sides | 4. 20         |
| 5. 475     | 6. 660        |
| 7. 600     | 8. 330        |
| 9. 108     | 10. 82        |
| 11. 7      | 12. 538       |
| 13. 59     | 14. 750 g     |
| 15. 8,009  | 16. 7:20      |
| 17. 10     | 18. 10 sweets |
| 19. 1 km   | 20. 9 marbles |

Maths Test 17

p. 19

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|-------------|---------------|
| 1. 260      | 2. cone       |
| 3. 731      | 4. 20         |
| 5. 17 days  | 6. 3          |
| 7. metres   | 8. 24         |
| 9. 1,350    | 10. 122       |
| 11. 289     | 12. 441       |
| 13. 72      | 14. 270       |
| 15. 899     | 16. 7         |
| 17. 6 teams | 18. 3 marbles |
| 19. _____   |               |
| 20. 8:10    |               |

Maths Test 19

p. 21

- |            |             |
|------------|-------------|
| 1. 700     | 2. 850      |
| 3. 7 days  | 4. 0 edges  |
| 5. 700     | 6. 563      |
| 7. 3,000 g | 8. 86       |
| 9. 3,300   | 10. 40      |
| 11. 750    | 12. 399     |
| 13. 14     | 14. 93      |
| 15. €1.10  | 16. 7 biros |
| 17. 4      | 18. 3:40    |
| 19. _____  | 20. 64      |

Maths Test 18

p. 20

- |               |                 |
|---------------|-----------------|
| 1. 3 hours    | 2. 100          |
| 3. 8 vertices | 4. 997          |
| 5. 50         | 6. 500          |
| 7. 25         | 8. 75c          |
| 9. 61         | 10. 187         |
| 11. 2,160     | 12. 16          |
| 13. kilograms | 14. 589         |
| 15. 140       | 16. 1 yr 8 mths |
| 17. 2:45      | 18. 7 stickers  |
| 19. 8         | 20. 6 bottles   |

Maths Test 20

p. 22

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|----------|-----------------------|
| 1. 673   | 2. 3 sides            |
| 3. 80    | 4. 24 months          |
| 5. 400   | 6. 289                |
| 7. 42    | 8. 17                 |
| 9. 600   | 10. 4,650             |
| 11. 80   | 12. 602               |
| 13. 62   | 14. 4 weights         |
| 15. 1    | 16. 7 cakes           |
| 17. 11   | 18. $2\frac{1}{2}$ km |
| 19. 5:55 | 20. 8 packets         |

Maths Test 21

p. 23

- |              |               |
|--------------|---------------|
| 1. 60        | 2. 104 weeks  |
| 3. 380       | 4. 1 vertex   |
| 5. 600       | 6. 5,050      |
| 7. 908       | 8. 350        |
| 9. 4,000 g   | 10. 104       |
| 11. 14       | 12. 55        |
| 13. 458      | 14. 711       |
| 15. 16       | 16. 1:30      |
| 17. _____    | 18. 7 pencils |
| 19. 3 thirds | 20. 6         |

Maths Test 23

p. 25

- |             |                |
|-------------|----------------|
| 1. 350      | 2. 120 seconds |
| 3. 600      | 4. 4 sides     |
| 5. 186      | 6. 2,000 m     |
| 7. 830      | 8. 895         |
| 9. 30       | 10. 4,010      |
| 11. 82      | 12. 180        |
| 13. 15      | 14. 813        |
| 15. 44      | 16. 3          |
| 17. 5 balls | 18. 3:05       |
| 19. _____   |                |
| 20. 8 teams |                |

Maths Test 22

p. 24

- |                |                 |
|----------------|-----------------|
| 1. 6 sides     | 2. 209          |
| 3. 900         | 4. 1,100        |
| 5. 110 minutes | 6. 6,960        |
| 7. 676         | 8. 180          |
| 9. 14          | 10. 325         |
| 11. 2,000 ml   | 12. 597         |
| 13. 35         | 14. 640         |
| 15. 51         | 16. 5 rulers    |
| 17. 10:10      | 18. 10          |
| 19. 4 teams    | 20. 1 yr 9 mths |

Maths Test 24

p. 26

- |                  |              |
|------------------|--------------|
| 1. 50            | 2. 538       |
| 3. 12 edges      | 4. 500       |
| 5. 1 hour        | 6. 102       |
| 7. 499           | 8. 31        |
| 9. 3,211         | 10. litres   |
| 11. 16           | 12. 90       |
| 13. 91           | 14. 110      |
| 15. 393          | 16. 12:15    |
| 17. 2 yrs 6 mths | 18. 2 sixths |
| 19. 9 pencils    | 20. 6 boxes  |

Maths Test 25

p. 27

- |                |              |
|----------------|--------------|
| 1. 11          | 2. 200       |
| 3. 22          | 4. 6         |
| 5. centimetres | 6. 9         |
| 7. 24          | 8. 3 o'clock |
| 9. 780         | 10. 2,100    |
| 11. 5          | 12. 75       |
| 13. False      | 14. 499      |
| 15. 53c        | 16. 2        |
| 17. 16 cm      | 18. 40       |
| 19. Sunday     | 20. West     |

Maths Test 27

p. 29

- |             |                       |
|-------------|-----------------------|
| 1. 24       | 2. 70                 |
| 3. 8        | 4. 60                 |
| 5. 12.8     | 6. 330                |
| 7. 90       | 8. 2                  |
| 9. 4.15     | 10. 900               |
| 11. 3       | 12. 15                |
| 13. 2,000   | 14. kilograms         |
| 15. true    | 16. 15 mins           |
| 17. 2       | 18. 25cm <sup>2</sup> |
| 19. 7 coins | 20. 3:40              |

Maths Test 26

p. 28

- |                        |                   |
|------------------------|-------------------|
| 1. 8                   | 2. 30             |
| 3. 80                  | 4. 6              |
| 5. 50                  | 6. 38             |
| 7. 20                  | 8. 8              |
| 9. 402                 | 10. 6             |
| 11. 712                | 12. 6 o'clock     |
| 13. 5                  | 14. 601           |
| 15. 90                 | 16. 6             |
| 17. 24                 | 18. €2            |
| 19. 48 cm <sup>2</sup> | 20. 8th September |

Maths Test 28

p. 30

- |            |                |
|------------|----------------|
| 1. 16      | 2. 11          |
| 3. 12      | 4. 44          |
| 5. 521     | 6. 2 o'clock   |
| 7. 2       | 8. 329         |
| 9. 15      | 10. 12.5       |
| 11. 51     | 12. 8          |
| 13. 10     | 14. 899        |
| 15. 9      | 16. 14 glasses |
| 17. 250 g  | 18. 24         |
| 19. sphere | 20. 5 coins    |

Maths Test 29

p. 31

- |            |              |
|------------|--------------|
| 1. 20      | 2. 74        |
| 3. 4       | 4. 120       |
| 5. 900     | 6. 400       |
| 7. 300     | 8. 27        |
| 9. 30 days | 10. 710      |
| 11. 45c    | 12. 22       |
| 13. 25     | 14. 30       |
| 15. 11     | 16. 3        |
| 17. 15     | 18. 2,500 ml |
| 19. €8.02  | 20. 88 cm    |

Maths Test 30

p. 32

- |            |                  |
|------------|------------------|
| 1. 8       | 2. 40            |
| 3. 1       | 4. 16.5          |
| 5. 200 cm  | 6. 7             |
| 7. false   | 8. 100           |
| 9. 45 mins | 10. 29           |
| 11. 1,100  | 12. 21           |
| 13. 9      | 14. 400          |
| 15. 120    | 16. 8:15         |
| 17. €1.50  | 18. 2nd February |
| 19. 25     | 20. 640          |