

Think & Learn

ANSWERS



MATHS

MENTAL MATHEMATICS



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Maths Test 1

p. 3

- | | |
|-----------------------|---------------|
| 1. 6,824 | 2. 60 minutes |
| 3. 500 g | 4. 9 |
| 5. 8 lines | 6. 350 |
| 7. 180 | 8. 2,400 m |
| 9. 60 | 10. 285 |
| 11. 240 | 12. 70 |
| 13. 12 m ² | 14. 43 lots |
| 15. 0.5 / 0.50 | 16. 160 |
| 17. 1 hr 30 mins | 18. 20 cm |
| 19. 8 packets | 20. 3 weeks |

Maths Test 3

p. 5

- | | |
|-----------------------|------------------|
| 1. 4 | 2. 30 seconds |
| 3. 500 ml | 4. 30,402 |
| 5. 1 | 6. 3,200 m |
| 7. 7 tenths | 8. 620 |
| 9. 81 | 10. 120 |
| 11. 375 | 12. 90 |
| 13. 250 | 14. 21 lots |
| 15. 20 m ² | 16. 14 weeks |
| 17. 14 cm | 18. 8 packets |
| 19. 200 | 20. 1 hr 50 mins |

Maths Test 2

p. 4

- | | |
|-----------------------|---------------|
| 1. 1,700 g | 2. 14,110 |
| 3. 1 | 4. 30 minutes |
| 5. 100 | 6. 760 |
| 7. 75 | 8. 470 |
| 9. 80 | 10. 1,600 m |
| 11. 108 lots | 12. 160 |
| 13. 15 m ² | 14. 195 |
| 15. $2\frac{9}{10}$ | 16. 8 packets |
| 17. 1 hr 10 mins | 18. 120 |
| 19. 12 cm | 20. 5 weeks |

Maths Test 4

p. 6

- | | |
|---------------------|----------------------|
| 1. 2 | 2. 19,909 |
| 3. 2 kg 50 g | 4. 100 |
| 5. 5,000 | 6. 210 |
| 7. 80 | 8. 10 m ² |
| 9. 465 | 10. 510 |
| 11. $6\frac{6}{10}$ | 12. 40 lots |
| 13. 95 | 14. 60 |
| 15. 4,400 m | 16. 9 weeks |
| 17. 150 | 18. 2 hr 20 mins |
| 19. 7 packets | 20. 18 cm |

Maths Test 5

p. 7

- | | |
|-----------------------|------------------|
| 1. 9 | 2. 3l 400 ml |
| 3. 1 | 4. 42,230 |
| 5. 240 seconds | 6. 555 |
| 7. 300 | 8. 490 |
| 9. 22 lots | 10. 0.25 |
| 11. 55 | 12. 1,200 m |
| 13. 21 m ² | 14. 270 |
| 15. 80 | 16. 1 hr 55 mins |
| 17. 8 weeks | 18. 20 cm |
| 19. 80 | 20. 4 packets |

Maths Test 7

p. 9

- | | |
|-----------------------|---------------------|
| 1. 18,164 | 2. 4 |
| 3. 4 lines | 4. 5,000 ml |
| 5. 15 minutes | 6. $14\frac{6}{10}$ |
| 7. 90 | 8. 3,100 m |
| 9. 100 | 10. 32 |
| 11. 42 m ² | 12. 450 |
| 13. 295 | 14. 26 lots |
| 15. 260 | 16. 18 cm |
| 17. 6 packets | 18. 1 hr 35 mins |
| 19. 80 | 20. 4 weeks |

Maths Test 6

p. 8

- | | |
|----------------------|-----------------|
| 1. 250 g | 2. 15 seconds |
| 3. 33,224 | 4. 72 |
| 5. 4 | 6. 9 hundredths |
| 7. 2,500 m | 8. 240 |
| 9. 30 m ² | 10. 700 |
| 11. 90 | 12. 30 lots |
| 13. 320 | 14. 32 |
| 15. 230 | 16. 120 |
| 17. 2 hr 5 mins | 18. 2 packets |
| 19. 22 cm | 20. 15 weeks |

Maths Test 8

p. 10

- | | |
|----------------------|---------------|
| 1. 81 | 2. 4,100 |
| 3. 46,213 | 4. 2 |
| 5. 5 mm | 6. 110 |
| 7. 48 lots | 8. 4 tenths |
| 9. 72 m ² | 10. 360 |
| 11. 5,100 m | 12. 135 |
| 13. 70 | 14. 5 |
| 15. 105 | 16. 7 packets |
| 17. 150 | 18. 17 |
| 19. 2 hr 15 mins | 20. 6 weeks |

Maths Test 9

p. 11

- | | |
|--------------------|------------------|
| 1. 10,150 | 2. 3,200 g |
| 3. 4,370 | 4. 3 |
| 5. 81 | 6. 60 |
| 7. 8 m^2 | 8. 12 |
| 9. 90 | 10. 200 |
| 11. 400 | 12. 3,800 m |
| 13. 140 | 14. 0.2 |
| 15. 70 | 16. 12 weeks |
| 17. 9 packets | 18. 1 hr 40 mins |
| 19. 18cm | 20. 150 |

Maths Test 11

p. 13

- | | |
|-------------|---------------------|
| 1. 2 | 2. 750 ml |
| 3. 20,500 | 4. 7,300 |
| 5. 36 | 6. 35 m^2 |
| 7. 400 | 8. 80 |
| 9. 5,600 m | 10. 755 |
| 11. 23 lots | 12. 640 |
| 13. 100 | 14. 64 |
| 15. 0.76 | 16. 2 hr 25 mins |
| 17. 240 | 18. 17 weeks |
| 19. 16 cm | 20. 5 packets |

Maths Test 10

p. 12

- | | |
|----------------------|---------------------|
| 1. 9,240 | 2. 25 |
| 3. 2 kg 700 g | 4. 7 |
| 5. 15,364 | 6. 18 m^2 |
| 7. 1,500 m | 8. 260 |
| 9. 42 | 10. 750 |
| 11. 120 | 12. 42 |
| 13. 90 | 14. 495 |
| 15. $3 \frac{8}{10}$ | 16. 15 cm |
| 17. 8 weeks | 18. 5 packets |
| 19. 140 | 20. 1 hr 45 mins |

Maths Test 12

p. 14

- | | |
|------------|----------------------|
| 1. 3 | 2. 24,311 |
| 3. 6,000 | 4. 1,500 g |
| 5. 64 | 6. 430 |
| 7. 24 | 8. 3 hundredths |
| 9. 50 lots | 10. 50 |
| 11. 500 | 12. 18 m^2 |
| 13. 300 | 14. 2,200 m |
| 15. 560 | 16. 5 packets |
| 17. 270 | 18. 1 hr 15 mins |
| 19. 21 cm | 20. 16 weeks |

Mental test 5

Maths Test 13

p. 15

- 17,741
- 284
- 45 seconds
- 3
- 3,500 ml
- 430
- 120
- 80
- 160
- 200
- 5,800 m
- 60 lots
- 6 m²
- 40
- 0.1
- 16 cm
- 1 hr 20 mins
- 12 packets
- 60
- 11 weeks

Maths Test 15

p. 17

- 9
- 5 l 450 ml
- 4
- 45 minutes
- 28,324
- 675
- 50
- 24 lots
- 220
- 2 tenths
- 36
- 14 m²
- 160
- 80
- 4,700 m
- 1 hr 25 mins
- 40
- 9 packets
- 18 cm
- 7 weeks

Maths Test 14

p. 16

- 2,000
- 5,100 g
- 16
- 15,326
- 2
- 45
- $1\frac{46}{100}$
- 230
- 60
- 370
- 24 m²
- 3,300 m
- 110 lots
- 315
- 2,400
- 5 weeks
- 14 cm
- 6 packets
- 1 hr 5 mins
- 160

Maths Test 16

p. 18

- 17,435
- 3
- 130
- 55 mm
- 4,600
- 36 m²
- 130
- 360
- $2\frac{4}{100}$
- 100
- 435
- 51 lots
- 6,500 m
- 90
- 190
- 13 weeks
- 16 cm
- 2 hr 30 mins
- 60
- 6 packets

Maths Test 17

p. 19

- | | |
|-------------|-----------------------|
| 1. 2 lines | 2. 12,064 |
| 3. 4,530 | 4. 3 kg 100 g |
| 5. 36 | 6. 500 |
| 7. 51 | 8. 10 |
| 9. 180 | 10. 24 m ² |
| 11. 46 lots | 12. 1,800 m |
| 13. 90 | 14. 400 |
| 15. 0.02 | 16. 11 packets |
| 17. 90 | 18. 2 hr 50 mins |
| 19. 13 cm | 20. 15 weeks |

Maths Test 19

p. 21

- | | |
|----------------------|------------------|
| 1. 60 seconds | 2. 1,750 g |
| 3. 188 | 4. 8,310 |
| 5. 1 | 6. 6,100 m |
| 7. $10\frac{6}{10}$ | 8. 70 |
| 9. 40 m ² | 10. 540 |
| 11. 660 | 12. 275 |
| 13. 65 lots | 14. 100 |
| 15. 90 | 16. 2 hr 40 mins |
| 17. 8 packets | 18. 26 cm |
| 19. 12 weeks | 20. 80 |

Maths Test 18

p. 20

- | | |
|----------------------|----------------|
| 1. 64 | 2. 25,314 |
| 3. 2 | 4. 120 minutes |
| 5. 6l 120 ml | 6. 90 |
| 7. 790 | 8. 36 |
| 9. 28 m ² | 10. 370 |
| 11. 190 | 12. 28 lots |
| 13. 6 hundredths | 14. 475 |
| 15. 3,500 m | 16. 22 cm |
| 17. 80 | 18. 6 weeks |
| 19. 2 hr 35 mins | 20. 6 packets |

Maths Test 20

p. 22

- | | |
|----------------------|------------------|
| 1. 36 | 2. 16,236 |
| 3. 1 | 4. 7,000 |
| 5. 6,250 ml | 6. 35 |
| 7. 90 | 8. 80 lots |
| 9. 16 m ² | 10. 4,600 |
| 11. 650 | 12. 2,100 m |
| 13. 0.06 | 14. 325 |
| 15. 265 | 16. 180 |
| 17. 10 weeks | 18. 12 cm |
| 19. 6 packets | 20. 2 hr 55 mins |

Maths Test 21

p. 23

- | | |
|----------------------|------------------|
| 1. 124 | 2. 13,074 |
| 3. 120 seconds | 4. 2,000 ml |
| 5. 6 | 6. 5,200 m |
| 7. 45 m ² | 8. 110 |
| 9. 410 | 10. 6 tenths |
| 11. 90 | 12. 630 |
| 13. 27 lots | 14. 9 |
| 15. 460 | 16. 2 hr 45 mins |
| 17. 4 packets | 18. 140 |
| 19. 23 cm | 20. 7 weeks |

Maths Test 23

p. 25

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|-----------------|-----------------------|
| 1. 180 seconds | 2. 11,565 |
| 3. 49 | 4. 2,500 g |
| 5. 2 | 6. 120 |
| 7. 90 | 8. 320 |
| 9. 8 hundredths | 10. 330 |
| 11. 280 | 12. 4,900 m |
| 13. 6,200 | 14. 27 m ² |
| 15. 90 lots | 16. 100 |
| 17. 17 weeks | 18. 15 minutes |
| 19. 8 packets | 20. 25 cm |

Maths Test 22

p. 24

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|----------------------|-----------------------|
| 1. 148 | 2. 6 cm 7 mm |
| 3. 3 | 4. 10,112 |
| 5. 240 minutes | 6. 70 |
| 7. 395 | 8. 405 |
| 9. 3,400 m | 10. 32 m ² |
| 11. 47 lots | 12. 5,100 |
| 13. $6\frac{3}{100}$ | 14. 20 |
| 15. 340 | 16. 13 weeks |
| 17. 24 cm | 18. 30 minutes |
| 19. 200 | 20. 8 packets |

Maths Test 24

p. 26

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|----------------|-----------------------|
| 1. 2 | 2. 250 ml |
| 3. 49 | 4. 21,312 |
| 5. 8,300 | 6. 0.08 |
| 7. 3,100 | 8. 150 |
| 9. 63 lots | 10. 48 m ² |
| 11. 205 | 12. 90 |
| 13. 48 | 14. 2,300 m |
| 15. 235 | 16. 26 cm |
| 17. 10 weeks | 18. 120 |
| 19. 45 minutes | 20. 7 packets |

Maths Test 25

p. 27

- | | |
|--------------------|---------------------|
| 1. 80,540 | 2. 0.8 |
| 3. 0.5 | 4. 6, 12, 18 |
| 5. $\frac{6}{8}$ | 6. 20 |
| 7. 15 | 8. 990 |
| 9. 5.5 | 10. 5 |
| 11. 2.36 | 12. $\frac{24}{32}$ |
| 13. 4 right angles | 14. Southwest |
| 15. 10 | 16. 4 trips |
| 17. Square | 18. Cube & cuboid |
| 19. Offer B | 20. 210 seconds |

Maths Test 27

p. 29

- | | |
|----------------------------|------------------|
| 1. 3 | 2. 2 |
| 3. 70 | 4. 25 |
| 5. 0.24 | 6. $\frac{1}{2}$ |
| 7. 3.5 | 8. 1,000 |
| 9. 5 | 10. 3, 9 |
| 11. $\frac{15}{25}$ | 12. 1, 2, 5, 10 |
| 13. 14 | 14. 72 |
| 15. 360° | 16. South |
| 17. 4.15 quarter past 4 | 18. 30 |
| 19. 3.45 | 20. €19 |

Maths Test 26

p. 28

- | | |
|------------------|-------------------|
| 1. 8,000 | 2. 36 |
| 3. 9,100 | 4. 1.25 |
| 5. 0 | 6. $2\frac{1}{2}$ |
| 7. 0 | 8. 13 |
| 9. 24, 48 | 10. $\frac{3}{8}$ |
| 11. minutes | 12. _____ |
| 13. 19.6 | 14. 10,000 cents |
| 15. obtuse angle | 16. 3 pages |
| 17. 6 eggs | 18. West |
| 19. 15 minutes | 20. Cone |

Maths Test 28

p. 30

- | | |
|--------------------|-----------------------------------|
| 1. 99,990 | 2. 4 |
| 3. 5 | 4. 14 |
| 5. 7,000 | 6. $\frac{4}{6}$ or $\frac{6}{9}$ |
| 7. 150 | 8. 66 |
| 9. 0.25 | 10. 2.5 |
| 11. 2 right angles | 12. €27.12 |
| 13. East | 14. 99 |
| 15. 6 sides | 16. The square |
| 17. 980 | 18. €7,000 |
| 19. 9 edges | 20. 15 apples |

1. 21, 23
2. 84,001
3. 5
4. 30
5. 0.5
6. 13, 26
7. $\frac{2}{4}$
8. 10,000
9. 8.04
10. 15.72
11. 9.9
12. 3.1
13. |
14. hours
15. 112 m²
16. 45 minutes
17. 42
18. 45
19. 10 nets
20. 13 sides

1. 16
2. 21
3. 5.5
4. 5
5. 10,011
6. 120
7. 25
8. $\frac{2}{6}$
9. North
10. 9.95
11. 1 line of symmetry
12. 64
13. 7,007 cents
14. 54 cm
15. regular
16. Offer B
17. 10 packets
18. 6 badges
19. 24 coins
20. €2.70