

Answers for Y6 Maths (wb 20.04.20)

Morning Mental Maths

Monday	Tuesday	Wednesday	Thursday	Friday
1. 11,304	11. 23,268	21. 27,560	31. 56,048	41. 48,960
2. 38.94	12. 147.56	22. 150.54	32. 303.65	42. 1523.64
3. 55	13. 75	23. 42	33. 33	43. 19
4. 170	14. 1380	24. 830	34. 1420	44. 280
5. 227.5	15. 245	25. 198.45	35. 121.8	45. 304.85
6. pentagon	16. hexagon	26. heptagon	36. octagon	46. Square/rectangle/diamond/ rhombus/trapezium
7. 72 hours	17. 96 hours	27. 120 hours	37. 144 hours	47. 168 hours
8. 120cm	18. 180cm	28. 370cm	38. 5890cm	48. 51 cm
9. 0.92	19. 0.78	29. 0.67	39. 0.82	49. 0.97
10. 598	20. 669	30. 350	40. 253	50. 4182

Monday

No answers required

Tuesday

No answers required

Wednesday

Fluency

1. £19.25
2. £13.60
3. £16.84
4. £3.33
5. £13.77
6. £0.33
7. £14.28

Problem Solving

P1 = £1.85

P2 = 0.25kg / 65p

P3 = £6.87

P4 = £1.68

Thursday and Friday

Fluency

Table 1: one n, add three = $n+3$

ten lots of n, add one = $10n+1$

three lots of n, add two = $3n+2$

seven lots of n, add n = $7n+n$

four lots of n added to two lots of n = $4n+2n$

two lots of n added to three lots of n = $2n+3n$

Table 2: Line 2 = $2y$

Line 3 = $2y+4$

Line 4 = $2y+4 = 20$ (so $y=8$)

Reasoning

R1: purple triangle = 4 / orange circle = 5

green square = 5 / brown circle = 3

yellow rectangle = 1 / pink heart = 9

R2: 1 = 13

2 = 16

3 = 24

4 = 8

Problem Solving

P1: (n=6)

1. 14

2. 17

3. 32

4. 20

5. 28

6. 32

7. 30

8. 18

(n=12)

1. 48

2. 89

3. 144

4. 68

5. 36

6. 72

7. 37

8. 98

P2:

1. 6

2. 12

3. 20

4. 9

1. 2

2. 2

3. 3

4. 3

Dive Deeper

1. $F=4S$

2. $B=5G$

3. $M=7J$

4. $A=b/5$ or $B=5A$

Extension: $3n+1$ / $4n-2$