

# MENTAL MATHS 5 a day

## Answers

### Year 6

- Exercise 1:** 9.9, 1.5, 2.4, 4.9, 4.8, 6.3, 9, 0.4, 1.2, 0  
**Exercise 2:** 41.5,  $\bar{2}5$ , 5, 15, 178.75,  $\bar{2}7$ , 58, 6.4, 2.7, 2.9,  
**Exercise 3:** 99, 8.1, 0.8, 4 (or 4.0), 9.9, 81.3,  $\bar{1}0$ , 9.605, 0.553, 6.5  
**Exercise 4:** 36.1, 34.9, 6350, 0.00044, 0.56, 3.6, 0.6,  $\bar{1}32$ , 8.25, 1.8  
**Exercise 5:** 2.4, 8, 3, 121, 0, 2, 4, 8.5, 11, 3.6  
**Exercise 6:** 6, 0.18, 7, 11, 65.04, 0.035, 60, 1, 1.2, 10  
**Exercise 7:** 4005,  $\bar{7}50$ , 0.16, 0.45, 0.33, 0.48, 0.42, 3.2, 0.9, 0.6

### Year 5

- Exercise 1:** 1.2, 26, 36.5, 7.75, 80.9, 65.4, 2.44, 4.9, 36, 856  
**Exercise 2:** 10, 160, Variety of answers eg  $\div 10=77.5$ , 80.9, 65.4, 2.44, 4.9,  $\bar{1}00$ , 856, 100  
**Exercise 3:** 200, 30, 800, 600, 40, 700, 4500, 2400, 15000, 600  
**Exercise 4:** 30, 720, 100, 4, 2800, 36, 0.38, 12 (or 12.0), 1.7,  $\bar{2}0$   
**Exercise 5:** 4.8, 16.5, 2200, 10, 38.2, 10, 2.2, 23.1, 68.9, 78.06  
**Exercise 6:** 4800, 600, 2.9, 10, 101, 888, 700, 9.5, 61, 9600  
**Exercise 7:** 5,  $\bar{2}5$ , 84, 135, 0.73, 15,  $\bar{2}50$ , 65, 2.22, 3500

### Year 4

- Exercise 1:** 90, 3, 7, 10, 20, 110, 8, 16, 1, 70  
**Exercise 2:** 230, 120, 380, 149, 410, 804, 1008, 145, 584  
**Exercise 3:** 891, 327, 1103, 991, 776, 381, 475, 846, 270, 1800  
**Exercise 4:** 40, 10, 60, 45, 70, 90, 8, 70, 30, 20  
**Exercise 5:** 80, 2610, 70, 910, 0, 20, 405, 40, 6, 799  
**Exercise 6:** 1159, 1723, 592, 0,  $\bar{1}$ ,  $\bar{5}$ , 42, 420, 4200, 150  
**Exercise 7:**  $\bar{1}0$ , 2300, 4100, 110,  $\bar{1}00$ , 121, 810, 1440, 490, 640  
**Exercise 8:** 120, 560, 7, 50, 1, 0, 3, 1000, 120, 988  
**Exercise 9:** 1000, 1000, 40, 4,  $4 \times 4$  (or  $8 \times 2$  or  $16 \times 1$ ), 135, 80, 215, 615, 540  
**Exercise 10:** 8, 72, 40, 54, 0, 27, 60, 10, 3, 1  
**Exercise 11:** 2000, 100, 1800, 4200, 4, 3, 6000, 7700, 800, 240  
**Exercise 12:** 250, 500, w 52.5 (or  $52\frac{1}{2}$ ),  $\bar{5}$ , 250, 900, 700, 8400, 11, 900  
**Exercise 13:** True or False: True, False, True, True, True, False, True, True, True, True  
**Exercise 14:** 3, 40, 925, 200, 4, 0, 1, 1, 3, 678

### Year 3

- Exercise 1:** 3, 7, 7, 12, 8, 4, 3, 8, 0, 7  
**Exercise 2:** 95, 80, 81, 92, 66, 36, 56, 64, 17, 90  
**Exercise 3:** 246, 417, 509, 95, 595, 596, 359, 794, 941, 439  
**Exercise 4:** 4, 10, 8, 8, 11, 12, 8, 11, 9, 12  
**Exercise 5:** 4, 173, 9, 715, 0, 4, 341, 4, 8, 799  
**Exercise 6:** 264, 737, 770, 1019, 333, 888, 295, 874, 192, 550  
**Exercise 7:** 101, 18, 122, 116, 6, 121, 149, 116, 6, 140  
**Measuring jugs:** A- 100ml, 500ml, 900ml; B – 50ml, 250ml, 400ml; C- 400ml, 1200ml, 1600ml, 2000ml (or 2 litres), D-40ml, 120ml, 180ml  
**Exercise 8:** 413, 220, 558, 594, 847, 269, 572, 827, 850, 135  
**Exercise 9:** 125, 200, 4, 4,  $4 \times 4$  (or  $2 \times 8$  or  $1 \times 16$ ), 135, 80, 215, 615, 540  
**Exercise 10:** 3, 64, 8, 375, 1, 0, 3, 425, 12, 38  
**Exercise 11:** 900, 500, 1000, 1000, 500, 1000, 820, 980, 300, 360  
**Exercise 12:** 733, 4, 5, 500, 500, 182, 985, 204, 10, 186  
**Exercise 13:** 200, 30, 240, 270, 240, 280, 240, 11, 40, 30  
**Exercise 14:** 3, 40, 925, 200, 4, 0, 1, 1, 3, 678