

**C**

- 1 4ℓ 067 ml    5 9ℓ 409 ml    9 4ℓ 487 ml    13 7ℓ 620 ml  
 2 6ℓ 091 ml    6 8ℓ 487 ml    10 2ℓ 916 ml    14 2ℓ 755 ml  
 3 3ℓ 328 ml    7 3ℓ 454 ml    11 0ℓ 537 ml  
 4 7ℓ 085 ml    8 0ℓ 331 ml    12 8ℓ 307 ml

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**A**

- 1 20 to 7                    9 5 to 5                    17 10 to 2 1:50  
 2 25 past 3                10  $\frac{1}{4}$  to 11                18 20 past 9 9:20  
 3 10 to 10                11 5 past 7 7:05                19  $\frac{1}{4}$  past 5 5:15  
 4  $\frac{1}{4}$  past 12                12 25 past 2 2:25                20 25 to 11 10:35  
 5  $\frac{1}{2}$  past 5                13 5 to 12 11:55                21 8:30  
 6 5 past 11                14 10 past 6 6:10                22 2:45  
 7 25 to 2                15  $\frac{1}{2}$  past 4 4:30                23 11:00  
 8 20 past 8                16  $\frac{1}{4}$  to 1 12:45                24 6:15

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**B**

- 1 a) 12 mins. past 3                b) 3:12 pm  
 2 a) 3 mins. to 9                    b) 8:57 am  
 3 a) 24 mins. past 6                b) 6:24 pm  
 4 a) 14 mins. to 12                b) 11:46 am  
 5 a) 9 mins. to 3                    b) 2:51 pm  
 6 a) 22 mins. to 8                    b) 7:38 pm  
 7 a) 27 mins. past 5                b) 5:27 am  
 8 a) 19 mins. past 10                b) 10:19 am  
 9 a) 17 mins. to 3                    b) 2:43 am  
 10 a) 28 mins. to 10                b) 9:32 pm  
 11 a) 21 mins. past 1                b) 1:21 pm  
 12 a) 6 mins. to 7                    b) 6:54 am  
 13 a) 8 mins. past 3                b) 3:08 am  
 14 a) 23 mins. to 12                b) 11:37 pm  
 15 a) 16 mins. past 8                b) 8:16 pm  
 16 a) 18 mins. to 10                b) 9:42 am  
 17 a) 29 mins. past 12                b) 12:29 pm  
 18 a) 2 mins. to 8                    b) 7:58 am  
 19 a) 29 mins. to 3                b) 2:31 am  
 20 a) 13 mins. to 6                b) 5:47 pm

**C**

1	12-HOUR	24-HOUR	12-HOUR	24-HOUR
	4:48 am	04:48	5:05 am	05:05
	1:32 pm	13:32	4:23 pm	16:23
	6:06 pm	18:06	8:09 am	08:09
	11:21 am	11:21	3:54 pm	15:54
	12:14 am	00:14	9:17 pm	21:17
	10:49 pm	22:49	1:53 am	01:53

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**A**

- 1  $\frac{1}{2}$  past 2                2:30                    11 10 past 5                21 1. 3:00  
 2 20 to 9                8:40                    12 25 past 4                2. 9:10  
 3  $\frac{1}{4}$  to 7                6:45                    13 25 to 8                3. 7:15  
 4 5 to 12                11:55                    14 5 to 10                4. 12:25  
 5 25 past 9                9:25                    15 20 past 1                5. 9:55  
 6 5 past 3                3:05                    16  $\frac{1}{4}$  to 11                6. 3:35  
 7 10 to 2                1:50                    17 5 past 11                7. 2:20  
 8 20 past 7                7:20                    18  $\frac{1}{4}$  past 2                8. 7:50  
 9  $\frac{1}{4}$  past 4                4:15                    19 20 to 7                9. 4:45  
 10 25 to 11                10:35                    20 10 to 9                10. 11:05

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**B**

- 1 a) 26 mins. past 3                b) 3:26 pm  
 2 a) 27 mins. to 5                    b) 4:33 am  
 3 a) 23 mins. to 11                b) 10:37 am  
 4 a) 3 mins. past 6                b) 6:03 pm  
 5 a) 11 mins. to 6                    b) 5:49 am  
 6 a) 13 mins. to 12                b) 11:47 pm  
 7 a) 14 mins. past 5                b) 5:14 pm  
 8 a) 9 mins. to 4                    b) 3:51 am  
 9 a) 8 mins. past 9                b) 9:08 pm  
 10 a) 22 mins. past 1                b) 1:22 am  
 11 a) 28 mins. past 11                b) 11:28 am  
 12 a) 26 mins. to 8                    b) 7:34 am  
 13 a) 6 mins. to 3                    b) 2:54 pm  
 14 a) 4 mins. past 8                b) 8:04 pm  
 15 a) 1 min. to 10                    b) 9:59 am  
 16 a) 18 mins. past 2                b) 2:18 pm  
 17 a) 11 mins. past 7                b) 7:11 pm  
 18 a) 4 mins. to 7                    b) 6:56 am  
 19 a) 18 mins. to 2                b) 1:42 pm  
 20 a) 14 mins. to 11                b) 10:46 pm

**C**

12-HOUR	24-HOUR	12-HOUR	24-HOUR
4:27 pm	16:27	5:38 am	05:38
7:36 am	07:36	11:57 pm	23:57
10:53 pm	22:53	6:13 am	06:13
9:48 am	09:48	4:52 am	04:52
1:02 pm	13:02	2:49 pm	14:49
8:21 pm	20:21	10:29 am	10:29

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**A**

- 1 60                    5 60                    9 30                    13 24  
 2 120                    6 15                    10 15                    14 12  
 3 30                    7 30                    11 45                    15 48  
 4 90                    8 45                    12 50                    16 6

**B**

- 1 90                    6 90                    11 50                    16 5  
 2 15                    7 135                    12 25                    17 6  
 3 75                    8 105                    13 55                    18 15  
 4 150                    9 40                    14 20                    19 1  
 5 120                    10 10                    15 35                    20 10

**C**

- 1 10                    5 5                    9 22                    13 19  
 2 3                    6 7                    10 47                    14 53  
 3 4                    7  $3\frac{1}{2}$                     11 8                    15 26  
 4  $7\frac{1}{2}$                     8  $3\frac{1}{4}$                     12 34                    16 41  
 17 3 hours 33 mins.                    19 10 hours 28 mins.  
 18 16 hours 46 mins.                    20 13 hours 2 mins.

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**A**

- 1 31                    4 61                    6 Friday                    8 Wednesday  
 2 30                    5 Saturday                    7 Tuesday
- 9 a) April 15th                    b) July 27th  
 10 a) January 23rd                    b) July 4th