

## Answers

### Testing Time 13.1

1. (a) 1285196 (b) 9145548 (c) 62583376 (d) 75190750 (e) 114759235 (f) 93741535  
 (g) 687849925 (h) 672572714  
 2. (a) 763941 (b) 3808601 (c) 93355737 (d) 13640172 (e) 704746749  
 3. 1771876 4. 2120155 5. 7064225 6. 9727079 7. 3289977  
 9. 14186759 9. ₹6670049

### Testing Time 13.2

1. (a) 76322 (b) 326131 (c) 291129 (d) 5097413 (e) 2688028  
 (f) 6180628  
 2. (a) 411104 (b) 903199 (c) 873037 (d) 37017517 (e) 648774018  
 3. 275729 4. 21146684 5. (a) 923600 (b) 73232197 (c) 24390527  
 6. (a) 76424429 (b) 5188623 (c) 742401001  
 7. 1766652 8. 4599270 9. 2004; 179999 10. 215229  
 11. 103145910 12. 52656755 13. ₹26986610 14. 97471820 m 15. 90000000

### Testing Time 13.3

1. (a) 5 (b) 30 (c) 1 (d) 0 (e) 9 (f) 82,108 (g) 886200 (h) 2132  
 2. (a) 2840 (b) 21120 (c) 1486800 (d) 2079000 (e) 42270000 (f) 79992000  
 3. (a) 1470 (b) 149600 (c) 1568000 (d) 124170000  
 4. (a) 850 (b) 72400 (c) 1028000 (d) 4760000  
 5. (a) 40 (b) 800;5 (c) 800;70

### Testing Time 13.4

1. (a) 692076 (b) 1794322 (c) 4630704 (d) 12201504 (e) 37704420 (f) 16518084  
 (g) 16211685 (h) 417969882 (i) 484913888  
 2. (a) 715467 (b) 2044168 (c) 21308782 (d) 58837632 (e) 47728146 (f) 79627626  
 3. (a) 90720 (b) 5937760 (c) 122976 (d) 885766

### Testing Time 13.5

1. 1382522 2. 22199778 3. 2032965 4. Rs3769125  
 5. 420480 m 6. 4602048 7. 48620

### Testing Time 13.6

1. (a) Quotient = 242; Remainder = 6 (b) Quotient = 234; Remainder = 14  
 (c) Quotient = 281; Remainder = 68 (d) Quotient = 7509; Remainder = 0  
 (e) Quotient = 3000; Remainder = 52 (f) Quotient = 1973; Remainder = 183  
 (g) Quotient = 4286; Remainder = 90 (h) Quotient = 11491; Remainder = 646  
 (i) Quotient = 92408; Remainder = 581 (j) Quotient = 92447; Remainder = 387  
 2. (a) 1971230 (b) 1639154 (c) 22635215  
 3. 99999.99 4. Quotient = 10001 and remainder = 0

5. (a)

$$\begin{array}{r} 20648 \\ 263 \overline{) 5430599} \\ \underline{-526} \phantom{00} \\ 1705 \phantom{00} \\ \underline{-1578} \phantom{00} \\ 1279 \phantom{00} \\ \underline{-1052} \phantom{00} \\ 2279 \phantom{00} \\ \underline{-2104} \phantom{00} \\ 175 \phantom{00} \end{array}$$

(b)

$$\begin{array}{r} 21983 \\ 185 \overline{) 4066987} \\ \underline{-370} \phantom{00} \\ 366 \phantom{00} \\ \underline{-185} \phantom{00} \\ 1819 \phantom{00} \\ \underline{-1665} \phantom{00} \\ 1548 \phantom{00} \\ \underline{-1480} \phantom{00} \\ 687 \phantom{00} \\ \underline{-555} \phantom{00} \\ 32 \phantom{00} \end{array}$$

### Testing Time 13.7

1. 3572 2. 2573 3. 50359 4. 326 5. 25694  
 6. 4892 7. 365 8. 131500 9. 378 10. 20