

Answers

Testing Time 3.1

- (a) 12.63 (b) 57.48 (c) 130.054 (d) 603.506
- (a) Two point seven (b) Sixteen point three (c) Twenty-nine point four six
(d) Two hundred fifty-one point eight three (e) Zero point six nine (f) Seven point three five two
(g) Seventy-three point one zero four (h) Zero point eight three five
- (a) 14.63 (b) 56.08 (c) 73.295 (d) 62.507 (e) 0.83 (f) 777.808
- (a) 20.51 (b) 36.4 (c) 19.19 (d) 309.07 (e) 0.007 (f) 90.01
(g) 200.003 (h) 38.004 (i) 0.741

Testing Time 3.2

- (a) 18.60, 9.52 (b) 24.20, 0.64 (c) 21.50, 122.00, 83.42 (d) 0.500, 0.896, 9.120
- (a) 0.47 (b) 26.598 (c) 307.028 (d) 758.369
- (a) 10 (b) 8, 3 (c) 20, 100 (d) 200, 9, 100, 2
- (a) > (b) < (c) > (d) < (e) < (f) >
- (a) 1.87, 2.08, 3, 4.9, 5.2 (b) 0.17, 2.9, 6.23, 7.025, 9.2
(c) 0.97, 0.985, 5.92, 6.307, 6.4, 15.21 (d) 0.7, 0.73, 1.32, 5.621, 6.02, 8.006
- (a) 12.6, 10.52, 5.9, 5.7, 0.49 (b) 13.62, 11.85, 9.106, 6.008, 0.857
(c) 77.7, 7.7, 7.07, 7.007, 0.77 (d) 63.1, 13.6, 13.163, 13.16, 12.98

Testing Time 3.3

- (a) $\frac{1}{5}$ (b) $\frac{18}{25}$ (c) $5\frac{1}{50}$ (d) $\frac{1}{20}$ (e) $\frac{7}{1000}$ (f) $82\frac{7}{100}$
(g) $6\frac{23}{100}$ (h) $18\frac{6}{25}$ (i) $15\frac{127}{200}$ (j) $34\frac{11}{40}$ (k) $60\frac{171}{200}$ (l) $\frac{111}{500}$
- (a) 2.4 (b) 3.25 (c) 0.35 (d) 0.33 (e) 0.049 (f) 19.28
(g) 21.5625 (h) 26.075 (i) 2.45 (j) 5.6 (k) 6.035 (l) 5.013

Testing Time 3.4

- (a) 38.42 m (b) 81.25 m (c) 44.07 m (d) 6.8 cm (e) 13.6 cm (f) 15.726 km
(g) 52.087 km (h) 86.002 km (i) 23.425 kg (j) 47.08 kg (k) 63.008 kg (l) 7.375 l
(m) 38.45 l (n) 52.007 l
- (a) 8 m 27 cm (b) 14 m 8 cm (c) 25 m 60 cm (d) 45 km 376 m (e) 13 kg 648 g (f) 46 kg 500 g
(g) 16 l 365 ml (h) 63 l 8 ml (i) 72 l 50 ml (j) 60 l 86 ml

Testing Time 3.5

- (a) 25.286 (b) 100.327 (c) 146.447 (d) 175.26 (e) 183.131 (f) 167.275
- (a) 13.07 (b) 47.37 (c) 76.73 (d) 69.933
- (a) 28.87 (b) 81.955 (c) 27.85 (d) 216.83 (e) 46.112 (f) 59.075
- (a) 12.41 (b) 3.187 (c) 0.34 (d) 0.687 (e) 8.33 (f) 140.46
- (a) 5.22 (b) 2.719 (c) 22.19 (d) 0.38 (e) 8.23 (f) 8.075
- 9.8 7. 6.244 8. 52.435

Testing Time 3.6

- (a) 10 (b) 46.35 (c) 128.844 (d) 912.464 (e) 6553.05 (f) 9981.72
(g) 2.125 (h) 1.476 (i) 598.475 (j) 9136.25 (k) 7503.56 (l) 10584.588
- (a) 24 (b) 425.3 (c) 3.16 (d) 1523.83 (e) 940 (f) 3184
(g) 38 (h) 920.6 (i) 15060 (j) 37425 (k) 620 (l) 27

Testing Time 3.7

- (a) 68.985 (b) 36.5202 (c) 25.4088 (d) 0.3272
- (a) 8.05 (b) 110.16 (c) 2.25 (d) 11.41 (e) 111.25 (f) 14.286
(g) 6.414 (h) 0.32 (i) 0.215 (j) 0.0108 (k) 24.528 (l) 0.06461 (m) 0.2225
- I- (c) II- (f) III- (d) IV- (b) V- (a) VI- (e)

Testing Time 3.8

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| 1. 4.6 | 2. 4.7 | 3. 6.6 | 4. 0.9 | 5. 5.5 | 6. 8.035 | 7. 4.845 |
| 8. 3.308 | 9. 0.552 | 10. 8.27 | 11. 34.54 | 12. 0.300625 | 13. 17.9575 | 14. 0.926 |
| 15. 2.3848 | 16. 0.059 | 17. 1.275 | | | | |

Testing Time 3.9

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| 1. (a) 0.832 | (b) 1.834 | (c) 0.03952 | (d) 0.1305 | (e) 0.006 | (f) 0.05023 |
| 2. (a) 10 | (b) 100 | (c) 10 | (d) 100 | (e) 100 | (f) 10 |

Testing Time 3.10

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| 1. 7 | 2. 1.2 | 3. 2.5 | 4. 0.71 | 5. 7.6 | 6. 0.8 | 7. 0.3 |
| 8. 2.6 | 9. 0.927 | 10. 0.301 | 11. 24.6 | 12. 0.005 | 13. 0.3 | 14. 0.024 |
| 15. 0.009 | 16. 0.026 | | | | | |

Testing Time 3.11

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| 1. 16 | 2. 30 | 3. 80 | 4. 500 | 5. 25 | 6. 7500 |
| 7. 2900 | 8. 2000 | 9. 300 | | | |

Testing Time 3.12

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| 1. (a) 5.25 | (b) 0.52 | (c) 0.04 | (d) 0.125 |
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