ANSWERS 15th -19th of JUNE

MATHS

Topic 28: Averages and Charts

Page 174 B. 1.(a) 60 (c) 37 (e) 68 (g) 31 2.(a) 53 (c) 35.75 (e) 3.24 3. 85.6 C. Long Jump 1.9m High Jump 1.01m 200m 60.25s Weights 26.375kg D. 1. 23 3. 402

Page 175 A. Smart Alecs: 102.75 favourites Inquizators: 99.8 Ceart Arís 100.2 B. Based on best 5 scores: Larry 77.8 Harry 80.4 Halle 65 Sally 83.6 winner Based on all scores: Larry 76 Harry 79 would be winner Halle 64 Sally 78 Discussion Point: How one bad score (Sally’s 50) can drag an average right down C. Based on best 4 Whiz Kid 1m 41.5s –Position 2, The Arrow 1m 47.25s – Position 2 Missile Man 1m 39.25s –Position 1.

Page 176 A. 1. (a) 125 visitors (b) 103 visitors (c) 1,392 visitors (d) 116 visitors (e) school closed 2. (a) 61 seconds (b) 58 seconds (c) Perhaps the site had a timetable for Christmas plays, photos of the shows etc. B. 1. Oct, Nov, Dec 2. Q1 and Q4 have fewer hours of daylight 3. 1,856 Solar battery chargers, 1,296 Solar lights, 3,839 Recycled glass bottles 4. 464 Solar battery chargers, 324 Solar lights, 959.75 Recycled glass bottles

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Page 179 B. - C. 1. (a) r = 8m (b) r = 14m (c) r = 16m (d) r = 27m 2. (a) r = 6.5m (b) r = 12.5m (c) r = 23.5m (d) r = 39.5m D. 1. (a) e.g. l = 4m, w = 2m (b) e.g. l = 5m, w = 2m (c) e.g. l = 5m, w = 3m 2. (a) e.g. l = 7m, w = 4m (b) e.g. l = 7m, w = 6m (c) e.g. l = 8.5m, w = 2m 3. (a) e.g. l = 7m, w = 0.7m (b) e.g. l = 0.7m, w = 0.7m (c) e.g. l = 0.5m, w = 0.5m