

## **Mathematics – Edexcel Foundation Tier**

## Final week – can you do these?





Answers; Number 1 16 2 2 x 2 x 3 x 3 x 7 3 9 and 15 or 45 and 3 4 150 5 (a) 4 or 5 (b) 30 or 40 (c) 29 6 (a) Sydney (b) 5 degrees Algebra 1 4.2 2 x > -3 3 R = -11 4 7n + 9 5 s = 9/8 6 3n + 2 Problem solving 1 Sports 4 All;£59 Edexcel;£56 Keef;£60. Edexcel best value 2 area is 135m2 ; need 7 bags costing £34.93 3 USA \$2.83 or £1.99 4 80 min Fractions, Decimals & Percentages 1 (a) 360 (b) 22% 2 (a) 1/2 (b) 7/10 (c) 60% 3 (a) 3/20 (b) 9/14 Shape & Space 1 64<sup>0</sup> Alternate Angles 2 (a) cuboid (b) cylinder (c) prism 3 A (2,1) B (6,3) C (4,7) Trigonometry 1 XZ = 13cm 2 531cm<sup>2</sup> 3 72<sup>0</sup> 4 15cm<sup>3</sup> Transformations 1 5 2 Translation 3 to the right, 2 down 3 B and E Statistics 1(i) 9 (ii) 42 2 1218 3 60 4 Should have at least 3 non-overlapping response boxes, and include a timescale 5 Mode 5 Median 6

