

SHARES

Pearson Edexcel - Monday 14 November 2011 - Paper 4 (Calculator) Higher Tier

1.

5		$2800 \div (13 + 12 + 10) = 80\text{p} / \text{share}$ $80 \times 12 = 960$ $960 \times \frac{2}{3}$	6.40	4	<p>M1 for $2800 \div (13 + 12 + 10) (=80)$ or $28 \div (13 + 12 + 10) (=0.8)$ or 80 or 0.8 or 10.4(0) or 1040 or 8 or 800</p> <p>or $\frac{13}{35}$ or $\frac{12}{35}$ or $\frac{10}{35}$ oe seen</p> <p>M1 for '80' $\times 12 (=960)$ or '0.80' $\times 12 (=9.6(0))$ or $\frac{12}{35} \times 2800$ or $\frac{12}{35} \times 28$</p> <p>M1 (indept) for $\times \frac{2}{3}$ oe</p> <p>A1 for £6.40 or 640 pence [accept 6.4]</p> <p>SC : B2 for answer of 10 supported by working</p>
---	--	--	------	---	---

Pearson Edexcel - Monday 6 June 2011 - Paper 3 (Non-Calculator) Higher Tier

2.

11		<p>P: T: B = 1 : 3 : 6</p> <p>$54 \div 10 \times 6$</p> <p>or</p> <p>T = 3P and B = 2T oe</p> <p>So, B = 2 \times (3P) = 6P</p> <p>P + T + B = P + 3P + 6P = 10P</p> <p>P = $54 \div 10 = \text{£}5.40$</p> <p>B = 6 \times $\text{£}5.40$</p>	32.40	3	<p>M1 for 1 : 3 : 6 or any three numbers, in any order, in the ratio 1 : 3 : 6</p> <p>M1 for $54 \div (1 + 3 + 6) \times 6$</p> <p>A1 for 32.4(0)</p> <p>Or</p> <p>M1 for 1 : 3 : 6 oe or P + 3P + 6P (=10P) oe</p> <p>e.g T/3 + T + 2T (=10T/3) or</p> <p>e.g B/6 + B/2 + B (=10B/6) or</p> <p>5.4(0) or 16.2(0) seen</p> <p>M1 for $54 \div 10 \times 6$ or $[54 \div \frac{10}{3}] \times 2$ or</p> <p>$54 \div \frac{10}{6}$ oe</p> <p>A1 for 32.4(0)</p> <p>Alternative</p> <p>M1 for a partial decomposition of £54 in ratio 1 : 3 : 6, e.g. (£)5 + (£)15 + (£)30 (=£)50</p> <p>M1 for a decomposition of the remaining amount, e.g. 40(p) + 120(p) + 240(p) (= 400(p))</p> <p>A1 for 32.4(0)</p>
----	--	---	-------	---	---

Pearson Edexcel - Monday 7 June 2010 - Paper 3 (Non-Calculator) Higher Tier

3.

7		$40 \div (2 + 3) = 8$ 8×2 8×3	16, 24	3	<p>M1 for $40 \div (2 + 3) (= 8)$ oe or $\frac{2}{5}$ oe or $\frac{3}{5}$ oe or</p> <p>for listing at least 3 multiples of 2 and 3</p> <p>M1 (dep) for "8"\times2 or "8"\times3 oe</p> <p>A1 for 16 and 24 in correct places</p> <p>[SC : B2 for 24, 16 if M0 scored]</p> <p>[SC : If M0 scored, B1 may be awarded for just one correct answer, in the correct place]</p>
---	--	---	--------	---	--

4.