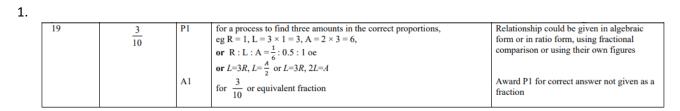
FRACTIONS OF AN AMOUNT

Pearson Edexcel - Thursday 4 June 2020 - Paper 2 (Calculator) Foundation Tier



Pearson Edexcel - Monday 8 June 2020 - Paper 3 (Calculator) Foundation Tier

2.					
	2	8	B1	cao	

Pearson Edexcel - Tuesday 21 May 2019 - Paper 1 (Non-Calculator) Foundation Tier

3.

14	(a)	14	B1	for 14	
	(b)	Explanation	C1	for explanation Acceptable examples she divided by 2 but should have multiplied by 2 there are 96 halves in 48 $48 \times 2 = 96$ Not acceptable examples $24 \times 2 = 48$	

Pearson Edexcel - Tuesday 11 June 2019 - Paper 3 (Calculator) Foundation Tier

4.

6	16	M1	for a complete method to find 20% of 80 eg 80 \times 0.2 oe	
		A1	cao SC B1 for an answer of 64 or 96	

[10	$\frac{3}{5}$	M1	for a start in the method eg 35 + 50 + 75 (= 160) or 400 - 35 - 50 - 75 (= 240) or $\frac{160}{400}$ oe	
				for eg $\frac{400 - "160"}{400}$ or $\frac{2}{5}$ or $1 - \frac{160}{400}$ or for an unsimplified answer eg $\frac{"240"}{400}$ oe or as 60% oe	
			A1	cao cao	

Pearson Edexcel - Monday 12 November 2018 - Paper 3 (Calculator) Foundation Tier

6.					
	4	90	B1	cao	

Pearson Edexcel - Thursday 24 May 2018 - Paper 1 (Non-Calculator) Foundation Tier

7.

14	Isabel (supported)	P1	for process to work with $\frac{3}{4}$	
	(supported)		eg $1 - \frac{3}{4} \left(=\frac{1}{4}\right)$ oe, eg 25% or $\frac{25}{100}$ or $\frac{3}{4} = 75\%$ or $\frac{75}{100}$ or value of salary (say 1000) × 3 ÷ 4 (= 750)	
		P1	for process to work with ratio 3:7	
			eg $\frac{3}{3+7}$ oe or $\frac{7}{3+7}$ oe or value of salary (say 1000) ÷ (3+7) (= 100)	
		Al	for (28(%)), 25(%) and 30(%) or 72(%), 75(%), 70(%)	
			or 0.28, 0.25, 0.3 or for using value of salary (say 1000) giving 280, 250, 300 or 720, 750, 700	
		CI	(dep P2) for Isabel or ft their comparative values	"Isabel" alone without supported evidence, gets 0 marks.

Pearson Edexcel – Specimen 2 - Paper 2 (Calculator) Foundation Tier

8.

5 720 000 ÷ 3	240 000	P1 for division by 3 A1 cao
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Pearson Edexcel – Specimen 1 - Paper 1 (Non-Calculator) Foundation Tier

9.

18	125	P1 P1 A1	for process to find 7/20 of 500 (=175) or $7/20 + 4/10$ (=3/4) or 40% of 500 for complete process to find the number of children. cao
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Pearson Edexcel – Specimen 1 - Paper 2 (Calculator) Foundation Tier

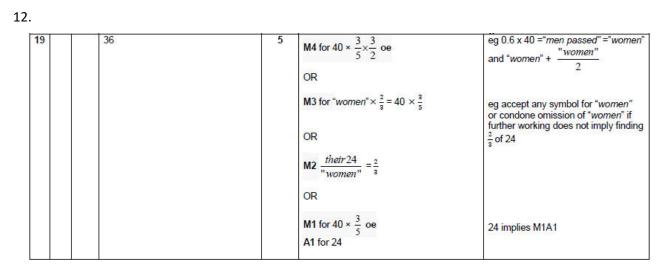
	15	(a)	168	B1	
		(b)	14.85	M1 A1	for 12.25 or 2.6
L					

OCR - Tuesday 03 November 2020- Morning - Paper 1 (Calculator) Foundation Tier



14	326.37	6	B4 for 296.7[0] M1 for 296.7[0] × 1.1 oe	
			OR	Alternative method
			M1 for 8.6[0] × 30 oe soi 258 and M2 for 8.6 × 1.5 × 3 oe or M1 for 8.6 × 1.5 oe or 8.6 × 3 oe or 1.5 × 3 oe and M1 for <i>their</i> basic pay + <i>their</i> overtime and M1 for <i>their</i> final value × 1.1 oe	M1 for 33×8.6 soi by $283.8[0]$ and M2 for $8.6 \times 0.5 \times 3$ oe or M1 for 8.6×0.5 oe or 0.5×3 oe or 0.5×3 oe and M1 for <i>their</i> basic pay + <i>their</i> overtime and M1 for <i>their</i> final value × 1.1 oe Mark 1 method only

OCR Thursday 6 June 2019 – Morning (Non-Calculator) Foundation Tier



OCR Tuesday 11 June 2019 – Morning (Calculator) Foundation Tier

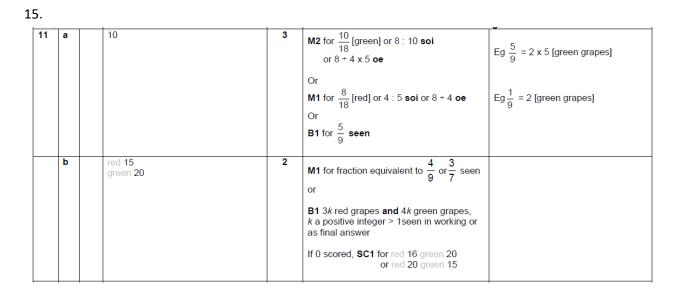
13.

-				1	
10	а	Gaming	1		
	b	A correct calculation or $\frac{150}{360}$ oe or $\frac{360}{150}$ oe	M1	150 ÷ 360 or 360 ÷ 150 or 360 ÷ 3 or $\frac{1}{3}$ of 360 or 150 × 3	For M1 oe is equivalent fraction eg $\frac{5}{12}$
		Justify rejecting Jack's assertion	A1	Must be comparison between • two fractions with common denominator or values or • two angles or • two values	Match answer to calculation or statement $\frac{150}{360}$ oe and $\frac{1}{3}$ oe with common denominator or 0.4[] and 0.3[] or 2.4 and 3 or <i>their</i> 450 and 360
					See appendix
	С	1 [h] 15[min]	4	B3 for 1.25 [hours] or 1 ¹ / ₄ [hours] or 75 [minutes] OR B1 for [Reading =] 90	Working may be in hours or minutes May be seen on diagram. Allow symbol
				M2 for (5 or 300) $\times \frac{their 90}{360}$ oe or (5 or 300) $\div \frac{360}{their 90}$ or	oe M2 for (5 or 300) ÷ 4
				B1 for $\frac{their 90}{360}$ soi $\frac{1}{4}$ or $\frac{360}{their 90}$ soi 4	
				ALTERNATIVE METHODS	
				M1 for [150 + 30 =] 180 B1 for [reading =] 90 M1 for (5 or 300) ÷ 2 M1 for 360 ÷ 5 soi 72 M1 for their (5 or 300) ÷ 2 + 2 M1 for 90 ÷ their (360 ÷ 5)	

OCR Thursday 8 November 2018 – Morning (Non-Calculator) Foundation Tier

2	(a)	(6	2	M1 for 12 ÷ 2 oe	
	(b)		1 ³ / ₅	2	M1 for $\frac{8}{5}$ or $\frac{8 \times 1}{5}$	
	(c)		2 6 oe nfww	4	M3 for $1 - \frac{1}{6} - their(\frac{3}{6})$ oe or M2 for their($\frac{5}{6}$) × $\frac{3}{5}$ soi or $\frac{3}{6}$ seen or M1 for $1 - \frac{1}{6}$ or $\frac{5}{6}$ seen If 0 scored SC2 $1 - \frac{23}{30} = \frac{7}{30}$ or SC1 for $\frac{1}{6} + \frac{3}{5} = \frac{23}{30}$	Mark to candidates advantage <u>Alternative method using diagram</u> S C1 drawing pizza and shading $\frac{1}{6}$ Or S C2 for drawing 3 more of the five Slices (i.e. 4 out of 6 parts shaded)
~			24 - 2			

OCR Thursday 7 June 2018 – Morning (Non-Calculator) Foundation Tier



Pearson Edexcel – Sample Papers - Paper 3 (Calculator) Foundation Tier

3	1230	P1	for start to process eg. 6760 - 3879 - 1241 (=1640)
		P1	for use of fraction eg. "1640": ± 4 or $1 - \frac{1}{4} \left(= \frac{3}{4} \right)$
		A1	4(4)