

# Fractions of an Amount

# November 2024 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
2	16	B1	cao	

June 2022 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
2	7	B1	cao	

## June 2020 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
2	8	B1	cao	

# November 2021 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
4	11	B1	cao	

# November 2023 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
5	60	B1	cao	

## June 2024 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
12	280	P1	for process to find the number of bars of white chocolate or milk chocolate, eg $24 \div 3 \times 2$ oe (= 16) or $24 \div 3$ (= 8) <b>or</b> for process to work with total weight of chocolate, eg $24 \times 35$ (= 840)	Allow use of 0.66.. or better <b>or</b> 0.33.. or better for both process marks
		P1	for complete process, eg $(24 - "16") \times 35$ or $"8" \times 35$ <b>or</b> $"840" \div 3$	Award P2 for an answer of 560
		A1	cao	

## November 2022 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
12 (a)	82.5	M1	for a complete method, eg $132 \div 8 \times 5$	132 – 82.5 (= 49.5) M1 implied
		A1	cao	
(b)	$\frac{1}{4}, \frac{9}{32}, \frac{21}{64}, \frac{3}{8}$	M1	converts into decimals or percentages or equivalent fractions, at least 2 conversions correct <b>or</b> for any 3 fractions in correct order	0.25, 0.28(125), 0.32(8125), 0.37(5)
		A1	cao	Accept in reverse order for this mark Accept expressed in equivalent decimals or percentages or fractions or in mixed numerical form

## June 2023 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
13	800	M1  A1	for method to work with fraction and 50, eg $16 \times 50$ <b>or</b> $50 \div \frac{1}{16}$ <b>or</b> $16 \times 50 + 50$ oe or $16 \times 50 - 50$ oe  cao	$\frac{1}{16} = 0.0625$ 750 or 850 without working scores no marks

# November 2024 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
14	324	<p>P1</p> <p>P1</p> <p>P1</p> <p>A1</p>	<p>for a process to work out daily pay on a weekday, eg <math>8 \times 6 (= 48)</math></p> <p><b>or</b> a process to work out the number of hours of pay for weekdays, eg <math>6 \times 5 (= 30)</math></p> <p><b>or</b> the number of hours of pay for Saturday and Sunday, eg <math>(4 + 3) \times 1.5 (= 10.5)</math></p> <p><b>or</b> a process to work out rate of pay for Saturday or Sunday, eg <math>8 \times 1.5 (= 12)</math></p> <p>for a process to work out the total pay from Monday to Friday, eg “48” <math>\times 5 (= 240)</math> <b>or</b> “30” <math>\times 8 (= 240)</math></p> <p><b>or</b> for a process to work out the total pay from Saturday and Sunday, eg “10.5” <math>\times 8 (= 84)</math> <b>or</b> “12” <math>\times (4 + 3) (= 84)</math></p> <p><b>or</b> a process to work out the total number of hours of pay, eg “30” + “10.5” <math>(= 40.5)</math></p> <p>for a complete process, eg “240” + “84” <b>or</b> “40.5” <math>\times 8</math></p> <p>cao</p>	

# June 2023 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
14 (a)	27	B1	cao	Award 0 marks for a correct answer with no supportive working.
(b)	$\frac{2}{7}$	B1	or any equivalent fraction	
(c)	No (supported)	P1	for method to find the number of children on Friday eg $0.7 \times 500$ oe (= 350)	
		P1	for method to find the number of children on Saturday eg $720 \div 8 \times 5$ oe (= 450)	
		C1	for No with correct figures, eg No <b>and</b> 350 <b>and</b> 450 <b>or</b> No <b>and</b> 100 more on Saturday	

# November 2021 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
14	80	P1	for $1 - \frac{13}{15} \left( = \frac{2}{15} \right)$ <b>or</b> $\frac{13}{15} \times 600$ (million) (= 520 (million))	Condone no million or may see 000 000 used* *In this case condone up to two missing 0s for the award of the P marks. For P marks accept $\frac{13}{15}$ , $\frac{2}{15}$ rounded or truncated to no less than 2dp.
		P1	for " $\frac{2}{15}$ " $\times 600$ (million) (= 80 (million)) <b>or</b> $600 - "520"$ (=80) oe	
		A1	Accept 80 000 000	

## November 2021 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
19	No (supported)	P1  P1  P1  C1	for a process to find Rachel's share, eg $600 \div 5 \times 2 (= 240)$  for process to find Samina's share eg $(600 - "240") \div 4 (= 90)$  for a process to find either of Tom's share, eg $600 - "240" - "90" (= 270)$ <b>or</b> $3 \times "90" (=270)$ <b>or</b> $600 \div 3 (= 200)$ for comparison purposes  for "No" and accurate figures eg 270 and 200 <b>or</b> 270 and 70 (difference)	Note This mark, if awarded for 200, may be the only mark awarded  "No" may be implied by a statement Answer only with no working, no marks