

Maths Paper Class Answers – Sample Paper

1.	$6797 + 43909 = 50706$	26.	$360/5 = 72^\circ$ $72^\circ \times 2 = 144^\circ$
2.	5062	27.	Eaten = $3/5 \times 15 = 9\text{kg}$ Left = $15 - 9 - 1\frac{3}{5}\text{ kg} = 4\frac{2}{5}\text{kg}$
3.	$\frac{3}{10} \times \frac{8}{9} = \frac{8}{30} = \frac{4}{15}$	28.	2 hours 30 minutes
4.	6.05	29.	56 cm
5.	$52 + 9 \div 3 - (4 \times 5)$ $= 52 + 3 - 20$ $= 35$	30.	Thursday
6.	21	31.	$8 \times 340\text{ ml} = 2720\text{ ml} = 2.72\text{litres}$
7.	$1/9$	32.	$x = \text{£}68.90$ $6x = 6 \times \text{£}68.90 = \text{£}413.40$
8.	$x + x + 8 = 32$ $2x = 24$ $x = 12$ Ratio = $12 : 20 = 3:5$	33.	132
9.	550g	34.	$10\text{cm} = 100\text{mm}$
10.	$5/8 = 0.625$ $15.625/5 = 3.125\text{kg} = 3125\text{g}$	35.	32 diamonds
11.	Camy	36.	Team A = B:G = $1:2 = 3:6$ Team B = B:G = $5:4$ B:G = $3+5 : 6+4 = 8:10 = 4:5$
12.	£300	37.	40 stickers
13.	a) A b) £21	38.	$108/3 = 36$ $36 - 14 = 22\text{ pupils}$
14.	$10 \times 2 = 20$ $20 + 50 = 70$ $4060/70 = 58$ $58 \times 3 = 174\text{ notes}$	39.	66

15.	$18 \frac{1}{2} \text{ m}$	40.	471.5 cm^2
16.	12:35 p.m.	41.	462
17.	$8b = d$ $3b + 3d = 324$ $b + d = 108$ $b = 12$ difference = $96 - 12 = \text{£}84$	42.	4:10
18.	$\frac{1}{2} \times 4\text{cm} \times 16\text{cm}$ $= 32\text{cm}^2$	43.	12
19.	$49 \times 4 = 196$ $196 - 8 = 188$ $188/4 = 47\text{kg}$	44.	$180 - 90 - 60 = 30$
20.	(a) $110 \times \frac{3}{5} = 66$ (b) $120 \times \frac{3}{4} = 90$ $90 - 66 = 24 \text{ oranges}$	45.	$5 \times 3.7\text{kg} = 18.5\text{kg}$ $4 \times 3.5\text{kg} = 14\text{kg}$ 4.5kg
21.	Shane has $80 + 80 \times 10\% = 88$ $88 \times 25\% = 22$ Now Shane has $88 - 22 = 66$	46.	$\{3(x+4) + 6\} / 4 = 9$ $3x + 12 + 6 = 36$ $3x = 18$ $x = 6$
22.	$0.325 \times 3 = 0.975$ $0.75 \times 4 = 3.0$ $1.5 \times 2 = 3$ $3 + 3 + 0.975 = 6.975 \text{ litres}$	47.	a) $330 \times 13 = 4290$ b) $13 - 2 = 11$ $313 \times 11 = 3443$ Sums (deleted) = $4290 - 3443 = 847$ $847 - 1 = 846$ $846/2 = 423$ 1st no = 423 2nd no = $423 + 1 = 424$ Answer 423 and 424
23.	$20 \times 14 \times 8 = 2240$ $8 \times 30 = 240$ $2240 - 240 = 2000\text{cm}^3$	48.	30 pence
24.	$\frac{5}{8} \times \frac{40}{1} = \frac{200}{8} = 25\text{m}$	49.	231cm
25.	20%	50.	$47/10 = 3 \text{ remainder } 7$ 4 sets of 10 boxes thus 4 free $47 - 4 = 43$ (number of boxes purchased) $43 \times 7.50 = 322.50$

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