



WAJD Academy: Maths Paper 5 Answers

Answer sheet with explanations

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Q	Answer	How to get it
1	B	Add the units, tens and hundreds with carrying: $694 + 450 = 1144$.
2	A	Subtract with exchanging: $816 - 242 = 574$.
3	D	$25 \times 7 = 175$ doubled is 350.
4	C	$9 \times 156 = 1404$, so $1404 \div 9 = 156$.
5	E	The 2 sits in the tens column, so it is worth 20.
6	B	The deciding digit is 9, so 4,976 rounds up to 5,000.
7	D	One third of 36 is 12, so two thirds is $12 \times 2 = 24$.
8	E	Multiply the top and bottom of $4/5$ by 3 to get $12/15$.
9	C	Subtract with the decimal points lined up: $7.5 - 0.64 = 6.86$.
10	A	$9/20 = 45/100$, because $20 \times 5 = 100$. That is 45%.
11	C	10% of 140 is 14, so 35% is 14×3 plus half of 14 = 49.
12	B	$2 + 3 = 5$ parts, so one part is $15 \div 5 = 3$ sweets. Maya gets $2 \times 3 = 6$.
13	D	Each number is double the one before, take away 1. So $33 \times 2 - 1 = 65$.
14	E	Take 3 from both sides to get $5n = 50$, then divide by 5. $n = 10$.
15	A	Swap x for 8: $y = 6 \times 8 + 4 = 52$.
16	C	Angles in a triangle add up to 180° . $180 - 49 - 59 = 72$.
17	A	Angles around a point add up to 360° . $360 - 121 - 109 = 130$.
18	B	Perimeter is all four sides added: $13 + 3 + 13 + 3 = 32$ cm.
19	E	Area of a triangle is half of base $\times$ height: $10 \times 4 \div 2 = 20$ cm ² .
20	D	Volume of a cube is edge $\times$ edge $\times$ edge: $5 \times 5 \times 5 = 125$ cm ³ .
21	E	15:20 plus 1 hour is 16:20. Another 15 minutes takes you to 16:35.
22	D	$4 \times 85p = \text{£}3.40$. Change from $\text{£}5.00$ is $\text{£}1.60$.
23	C	1 km = 1,000 m, so $6.4 \times 1,000 = 6,400$ m.
24	A	Put them in order: 5, 8, 12, 13, 16. The middle number is 12.
25	B	5 of the 12 marbles are grey: $5/12$.
26	D	A ninth of 36 is 4, so there are $4 \times 4 = 16$ boys. $36 - 16 = 20$ girls.
27	A	08:41 to 09:41 is 1 hour. 09:41 to 10:51 is 70 more minutes.
28	C	$1 \times \text{£}6.50 = \text{£}6.50$ and $3 \times \text{£}4.25 = \text{£}12.75$. Together that is $\text{£}19.25$.
29	E	Work backwards: $61 + 11 = 72$, then $72 \div 6 = 12$.
30	B	A cube has 4 edges round the top, 4 round the bottom and 4 upright: 12.

