

Year 5 NAPLAN Numeracy Practice Test Solutions

Q	Answer	How to work it out
1	B	The shape flips left to right, so the pair face each other like a mirror image. A is a slide, C is a turn and D is flipped the wrong way.
2	C (Ruby)	Ruby has a tick for Science and no tick for Art. Noah and Leo both chose Art.
3	C (45 cents)	$3 \times 50c + 20c = \$1.70$. $\$1.70 - \$1.25 = 45$ cents.
4	B (unlikely)	Only 1 of the 40 tickets wins, so winning is possible but not likely.
5	A	The trapezium folds onto itself along a vertical line down the middle. The rectangle has two lines and the other two shapes have none.
6	D (Zoe)	Totals are Ben $4 + 6 = 10$, Mia $6 + 3 = 9$, Tom $8 + 2 = 10$ and Zoe $5 + 7 = 12$.
7	B (5 centimetres)	The small fish is 3 cm and the large fish is 9 cm, so the medium fish must be between 3 cm and 9 cm.
8	D (302)	North points to the left of the page, so east is towards the top and south is to the right. The south-east corner is the top right room: 302 on Floor 3.
9	B (9:15 pm)	$6:45 \text{ am} + 12 \text{ hours} = 6:45 \text{ pm}$. Add 2 more hours to get 8:45 pm, then add 30 minutes to get 9:15 pm.
10	C (41)	The totals are 1, 5, 13 and 25. The differences are 4, 8 and 12, increasing by 4 each time, so the next difference is 16. $25 + 16 = 41$.
11	10	On Tuesday night Hank read from 10 to 45, which is 35 pages. Rosa read from 20 to 45, which is 25 pages. $35 - 25 = 10$.
12	75	3 small packets: $3 \times 5 = 15$ crayons. The other 5 packets are large: $5 \times 12 = 60$ crayons. $15 + 60 = 75$.
13	C	12×5 means 12 groups of 5, which matches 12 boxes with 5 marbles in each box.
14	13	When the net is folded the opposite pairs are 2 and 4, 3 and 5, and 6 and 7. The greatest total is $6 + 7 = 13$.
15	A (96)	The missing lengths are $18 - 5 = 13$, $20 - 4 - 4 = 12$ and $15 - 5 = 10$. All eight sides hence add to get $18 + 4 + 13 + 12 + 10 + 4 + 15 + 20 = 96$ cm.