Data Handling & Probability: Easy Practice Paper 1 Answers

Q#	Answer	Explanation
1	D	The tallest bar is the one for Thursday, which reaches 14 books. No other bar is as tall.
2	C	Tuesday reaches 12 and Wednesday reaches 6. The difference is 12 − 6 = 6 books.
3	E	Read each bar and add them: 8 + 12 + 6 + 14 + 10 = 50 books.
4	B	Blue has 2 whole circles and 1 half circle. Each whole circle is 4 cars, so that is 2 × 4 = 8, and the half circle is 2 more, giving 8 + 2 = 10 cars.
5	E	Green has 6 circles, which is 6 × 4 = 24 cars, and silver has 3 circles, which is 3 × 4 = 12 cars. The difference is 24 − 12 = 12 cars.
6	B	The mode is the number that appears most often. The number 3 appears three times, and every other number appears once.
7	C	The range is the largest number take away the smallest. The largest is 18 and the smallest is 5, so the range is 18 − 5 = 13.
8	E	An ordinary dice only has the numbers 1 to 6 on it, so a 7 can never be rolled. Something that can never happen is impossible.
9	C	There are 8 equal sections and 4 of them are marked S. The probability is 4 out of 8, and 4 out of 8 simplifies to 1/2.
10	B	The number in the overlapping part belongs to both circles. That number is 5, so 5 pupils play both sports.
11	C	Everyone inside the football circle plays football, including those in the overlap. That is 7 + 5 = 12 pupils.
12	D	The highest point on the line is above April, where it reaches 30 visitors.
13	A	The biggest slice of the pie is the football slice, so football was chosen by the most pupils.

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14	A	Add the numbers: 4 + 8 + 5 + 9 + 4 = 30. Then divide by how many there are: 30 ÷ 5 = 6.
15	B	There are 3 + 5 = 8 counters altogether and 3 of them are red, so the probability of taking a red one is 3 out of 8, written 3/8.

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