



Simple Probability Quiz — Set 38 - Answer Key

10 questions · Pencil & Grid

1. A bag has 120 counters and 24 are blue. What percentage are blue?

Answer: 20

$$24/120 \times 100 = 20\%.$$

2. A bag has 140 counters and 35 are blue. What percentage are blue?

Answer: 25

$$35/140 \times 100 = 25\%.$$

3. A bag has 160 counters and 64 are blue. What percentage are blue?

Answer: 40

$$64/160 \times 100 = 40\%.$$

4. A bag has 180 counters and 90 are blue. What percentage are blue?

Answer: 50

$$90/180 \times 100 = 50\%.$$

5. A bag has 200 counters and 120 are blue. What percentage are blue?

Answer: 60

$$120/200 \times 100 = 60\%.$$

6. A bag has 220 counters and 165 are blue. What percentage are blue?

Answer: 75

$$165/220 \times 100 = 75\%.$$

7. A bag has 240 counters and 192 are blue. What percentage are blue?

Answer: 80

$$192/240 \times 100 = 80\%.$$

8. A bag has 260 counters and 26 are blue. What percentage are blue?

Answer: 10

$$26/260 \times 100 = 10\%.$$



9. A bag has 280 counters and 56 are blue. What percentage are blue?

Answer: 20

$$56/280 \times 100 = 20\%.$$

10. A bag has 100 counters and 10 are blue. What percentage are blue?

Answer: 10

$$10/100 \times 100 = 10\%.$$