



Selected Response

1. A frozen yogurt shop offers scoops in cake cones, waffle cones, or cups. You can get vanilla, chocolate, strawberry, pistachio, or coffee flavored frozen yogurt. If you order a single scoop, how many outcomes are in the sample space?

- (A) 3
- (B) 5
- (C) 8
- (D) 15

2. A bag contains 7 purple beads, 4 blue beads, and 4 pink beads. What is the probability of **not** drawing a pink bead?

- (A) $\frac{4}{15}$
- (B) $\frac{7}{15}$
- (C) $\frac{8}{15}$
- (D) $\frac{11}{15}$

3. During the month of June, Ava kept track of the number of days she saw birds in her garden. She saw birds on 18 days of the month. What is the experimental probability that she will see birds in her garden on July 1?

- (A) $\frac{1}{18}$
- (B) $\frac{2}{5}$
- (C) $\frac{1}{2}$
- (D) $\frac{3}{5}$

4. A rectangle has a width of 4 inches and a length of 6 inches. A similar rectangle has a width of 12 inches. What is the length of the similar rectangle?

- (A) 8 inches
- (B) 12 inches
- (C) 14 inches
- (D) 18 inches

5. The experimental probability of hearing thunder on any given day in Ohio is 30%. Out of 600 days, on about how many days can Ohioans expect to hear thunder?

- (A) 90 days
- (B) 180 days
- (C) 210 days
- (D) 420 days

6. Isidro tossed two coins several times and then recorded the results in the table below.

Toss 1	Toss 2	Toss 3	Toss 4	Toss 5
H; T	T; T	T; H	H; T	H; H

What is the experimental probability that both coins will land on the same side on Isidro's next toss?

- (A) $\frac{1}{5}$
- (B) $\frac{2}{5}$
- (C) $\frac{3}{5}$
- (D) $\frac{4}{5}$

Gridded Response

7. Magdalena had a spinner that was evenly divided into sections of red, blue, and green. She spun the spinner and tossed a coin several times. The table below shows the results.

Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
blue; T	green; T	green; H	red; T	blue; H

Given the results, what is the experimental probability of spinning blue? Write an answer as a decimal.

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①	①	①	①		①	①
②	②	②	②		②	②
③	③	③	③		③	③
④	④	④	④		④	④
⑤	⑤	⑤	⑤		⑤	⑤
⑥	⑥	⑥	⑥		⑥	⑥
⑦	⑦	⑦	⑦		⑦	⑦
⑧	⑧	⑧	⑧		⑧	⑧
⑨	⑨	⑨	⑨		⑨	⑨